THE DONLEY CATALOG

OF HELPS FOR THE HOME OWNER AND BUILDER

SCHENECTADY MASON SUPPLY CO.
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DONLEY

HELPS FOR THE HOMEOWNER

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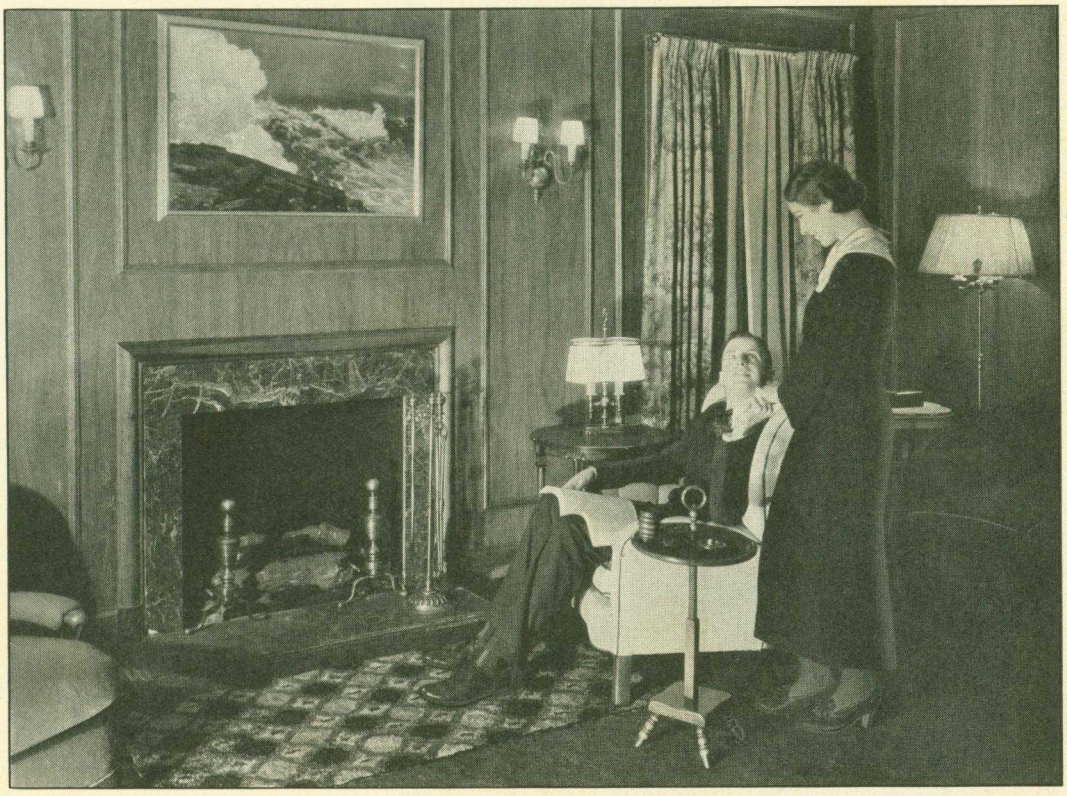
IN A HOME EQUIPPED WITH
DONLEY DEVICES



LIFE BEGINS TO BE WORTH WHILE

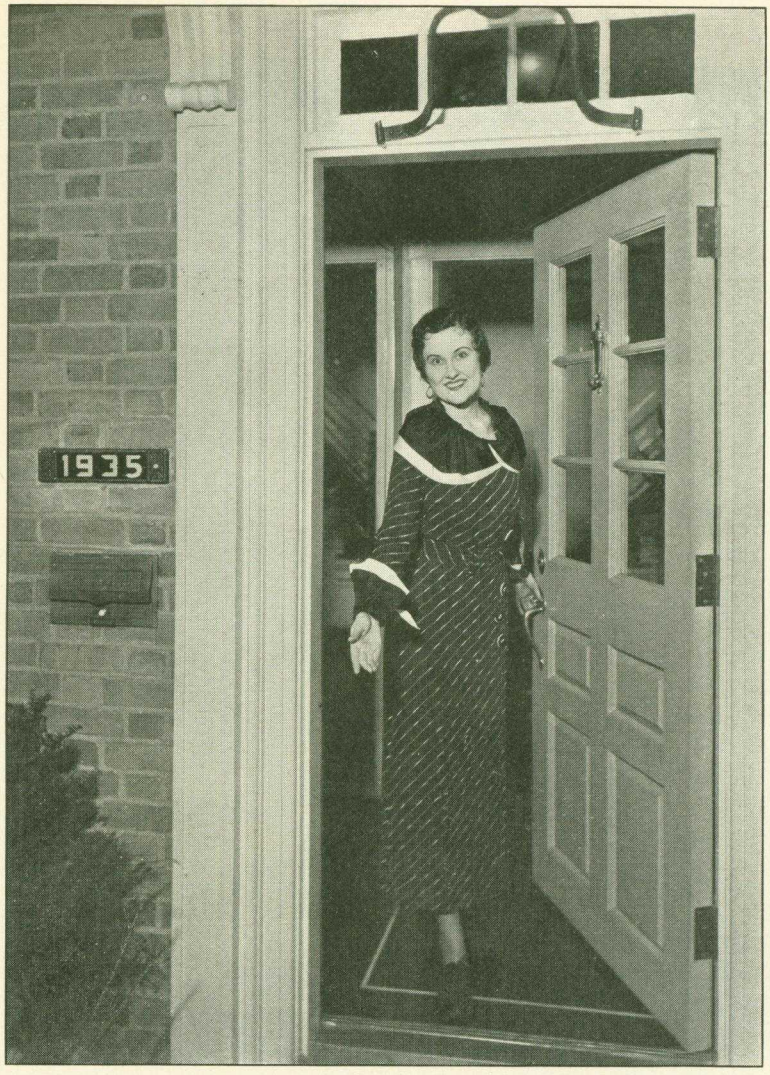
They give you MORE LEISURE, COMFORT,
PROTECTION *and a* TIDIER, CLEANER HOME
While saving MANY STEPS *and* ANNOYANCES

DONLEY DEVICES
Complete the Home

MANUFACTURED BY

THE DONLEY BROTHERS CO.

13900 MILES AVENUE CLEVELAND, OHIO



Take This Interesting Trip with the DONLEY HOSTESS Through Her

DONLEY EQUIPPED HOME

and Consider What Its Advantages Would Mean In Your Own New Home

"COME in," says the Donley Hostess, "and let me show you around. People who are thinking of building often want to see my home. Some of them think only about the beauty of the outside or the general arrangement and decoration of the rooms.

"Of course, I hope your new home will be just as beautiful as a home can be made. But I have more intimate things to show you — things that save hours and save steps.

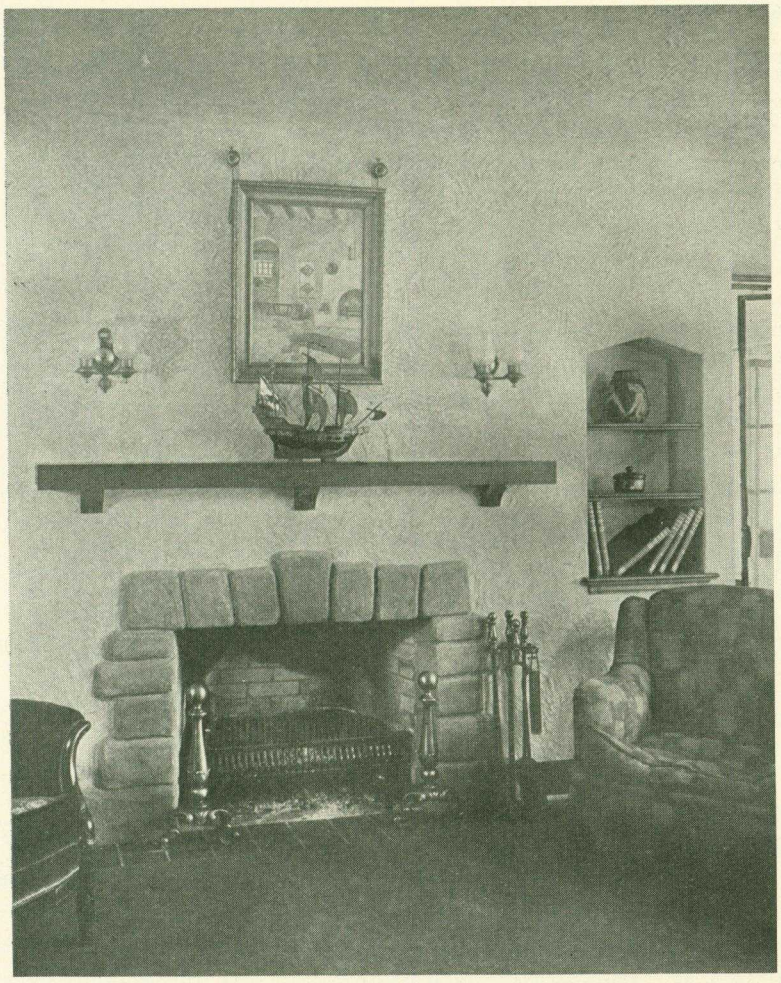
* * *

"*I Never Wait Around for Deliveries*, never have to go out in the cold, nor admit strangers to the home. If its mail, it stays securely in my Donley Mail Receiver until I am ready to take it out of the little door in the front entry. The receiver is big enough to take a magazine, yet small enough to be neat and inconspicuous.

"In the case of milk, meat, groceries or other packages, I know they will be safely stowed in my Donley Package Receiver, whether I am at home or out shopping. If it's coal I am expecting, all I have to do is to pull the chain that unlatches the Donley Coal Chute. The coal man does the rest — just as well whether I am at home, or away. If I am lounging or dressing, these things go on without any need of jumping and running to the door.

* * *

"*Our Home is Roomier Than It Seems.* It is enlarged downward, if you please, by a carefully planned basement. Basement's are usually so



wasteful in the use of space — a single, dismal room with a heating plant in the center. We have this fine, large play room, which is also a music room and this smaller room which is my husband's library and den. All this with ample space for the heating plant, the fuel, the laundry and the vegetable room.

"This calls for plenty of light and we have it through Donley Basement Windows — six in the play room, two in the library. Their slender steel frames admit much more light than wooden frames. They open easily for ventilation and if a pane is broken, we lift out the sash and clip in a new pane in place of the broken one. Basement rooms are so informal and delightful. Young and old use them constantly and they are fine for informal parties.

* * *

"*We Have Fireplaces on Three Floors* — one in the basement play room, one in the living room and one in our principal bedroom. What is more delightful than going to sleep by the soft light of dying embers or dressing in front of a crackling blaze.

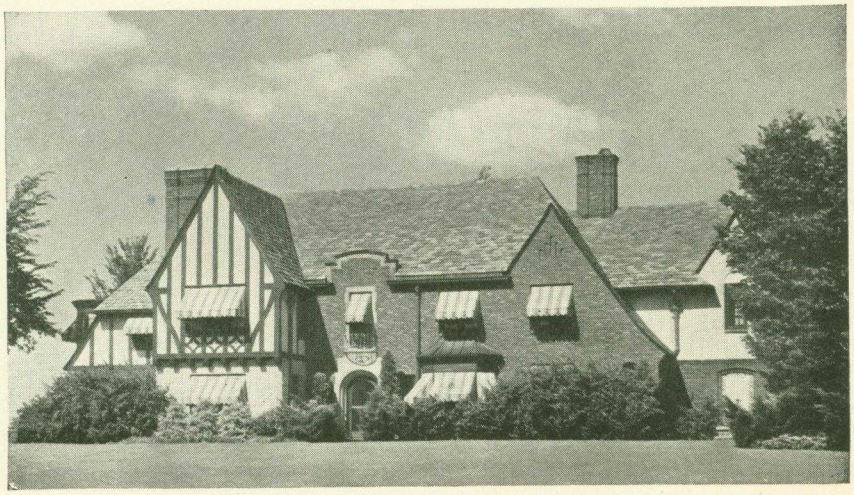
"All fireplaces are built from Donley plans, which means that they are free from smoke and give maximum heat. They have Donley Dampers to save waste of fuel, Donley Fire Baskets, scientifically shaped to correct fireplace proportions, besides quaint Donley Andirons and Fire Sets.

"The basement fireplace has this curious Dutch oven at the side with the delightful door, designed and built by Donley. The fire screens are Donley screens and we are never afraid to leave a fire to die out.

* * *

"*Our Back Yard is as Delightful as Our Home*, with its garden, its spreading trees and its rustic furniture. We eliminate the disreputable old-fashioned garbage can, which is the bane of most back yards and have an underground Donley Garbage receiver, instead. It is never noticed, causes no odor and never attracts dogs and cats. Yet it is there for service when we want to use it.

"Every true housewife wants her clothes dried in the open sun. We have Donley Clothes Posts, painted an inconspicuous green and, again, noticed only when you want to use them. Made of steel and bedded in concrete, they will stand upright until doomsday."



PRINCIPLES OF CONSTRUCTION THAT MAKE YOURS A SUCCESSFUL FIREPLACE

THE test of a successful fireplace lies in how much you are tempted to use it. Properly equipped and properly built, it is a source of constant delight — the solace of your reflective hours, the magnet of congenial groups, the symbol of home affection and loyalty.

In some homes, the fireplace stands cold and unfrequented most of the time; a certain sign that there is something wrong with it. Perhaps it smokes. Perhaps it radiates little heat for the fuel consumed. Perhaps the lack of facilities for ash removal make that task a nuisance.

The Donley Brothers Company has devoted much research and discussion to developing and disseminating the principles that contribute to the enjoyment of the finished fireplace. Since this feature of home building is to mean so much and since correcting a faultily built fireplace is an expensive job, it will be worth while to give close attention to construction principles.

For this purpose the Donley Book of Successful Fireplaces is well worth its moderate cost of 25 cents (35 cents west of the Mississippi and in Canada). It will be sent to you promptly by mail at your order. Besides complete and convenient explanation of principles, it contains scores of pictures of attractive fireplaces.

PRINCIPLES OF CORRECT CONSTRUCTION

Size of Opening — To insure good draft, the size of the fireplace opening (vertical inside area at the front) should not be more than 12½ times the net inside area of the flue.

A separate flue of correct size should be provided for each fireplace. It should start above the center of the fireplace and rise to a height of not less than three feet above the highest point of the roof. If necessary to slant the flue to bring it to its proper place in the chimney stack, the slant should start at some point above the smoke chamber.

Areas of Flue Sections — The inside dimensions of standard flues most used in fireplace work are as follows: 8½″ by 8½″ or 52.56 square inches; 8½″ by 13″ or 80.5 square inches; 13″ by 13″ or 126.56 square inches; 8½″ by 18″ or 109.68 square inches; 13″ by 18″ or 182.84 square inches: 18″ by 18″ or 264.06 square inches.

A smoke shelf, shown in the diagram, arrests down draft and keeps it from blowing smoke into the room.

The damper should be set with the turned-up flange against the front wall and the rear flange resting on the smoke shelf. The opening of the damper should not be directly under the flue, but forward of it. Damper should be three to nine inches above the fireplace opening.

The smoke chamber is just above the damper, its sides sloping about seven inches to each foot in height. Smooth unobstructed walls are important.

Hearth shape should be as shown, its sides going straight back for about four inches, then splayed at an angle of five inches to the foot.

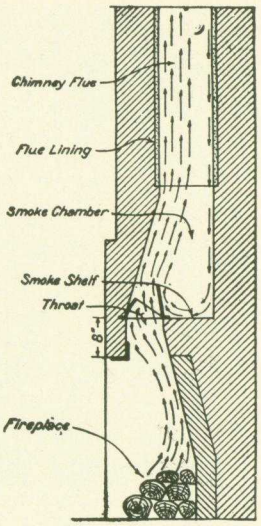


Figure 6. Showing how down-draft is diverted upward from smoke-shelf. This diagram taken from U. S. Government pamphlet.

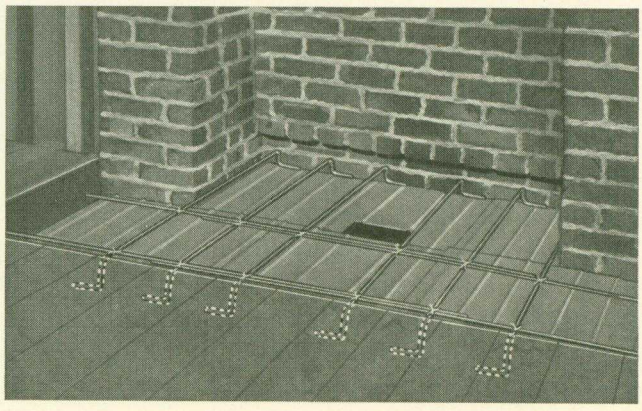
Rear wall should be plumb for from 14 to 15 inches, then slope forward to form smoke shelf and support damper. This shape deflects heat forward into room, while smoke and gases pass through the damper.

THE DONLEY CANTILEVER HEARTH

The fireplace hearth, including the part within the fireplace and the area in front, should rest on a single slab of reinforced concrete. When the slab is supported partly by the chimney stack and partly by the floor structure, settlement strains may result in cracking of the slab and the brick or tile on it.

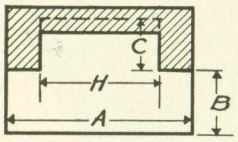
The Donley Brothers Company suggests, for the usual type of fireplace, a cantilever hearth supported entirely by the chimney masonry. The axis of its support is the front wall of the ashpit. The rear end is anchored in a recess in the rough brick work that surrounds the finished masonry of the fireplace.

For convenience in forming this cantilever hearth, the Donley Cantilever Hearth Assembly is offered. It consists of a centering of sheets of corrugated metal, laid parallel from the front to the rear and overlapped;

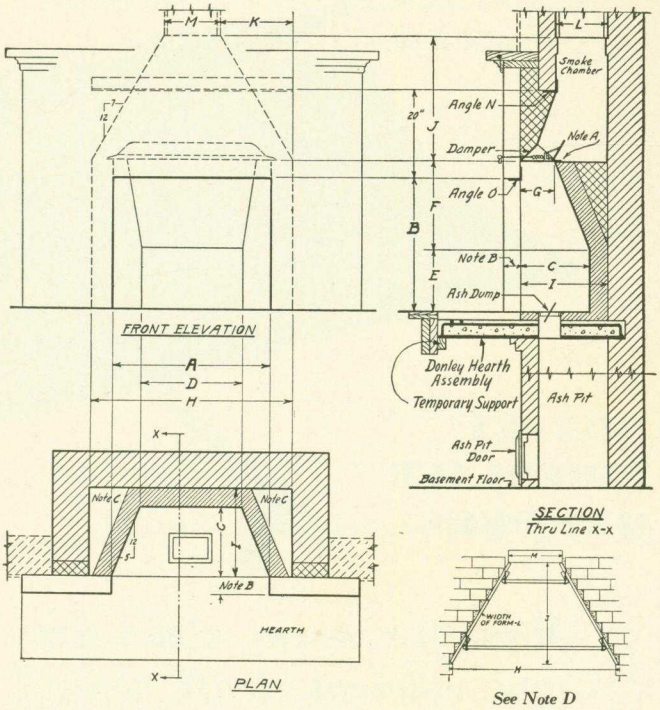


plus the necessary reinforcing rods. The main rods are ½-inch in section and bent at each end to form feet which hold the reinforcing at the correct height for a 3½-inch slab. The fore hearth is further reinforced by four lighter cross rods, tied to the main rods.

This Assembly, illustrated in the perspective at the bottom of page 4, and also indicated in the profile on this page, is furnished in three sizes, as shown below. Appropriate sizes for fireplaces are shown in the Table of Dimensions for Fireplaces.



No.	For Hearths With Maximum Measurements of				Shipping Weight
	A	B	H	C	
72	72″	24″	48″	24″	63 lbs.
84	84″	24″	48″	24″	68 "
96	96″	24″	72″	24″	78 "



FIREPLACE DETAILS AND DIMENSIONS

Different features of a fireplace bear a close relation to each other, so that disproportion between parts or failure to provide adequately for a single function will result in an unsatisfactory fireplace. At the right will be seen a plan, profile and elevation of a correctly designed fireplace. Since the requirements in regard to size will vary greatly in different fireplaces, a table of dimensions is shown below, by aid of which these designs may be interpreted in terms of any desired size.

The starting point of all calculations is the width and height of the fireplace opening when finished. In the left-hand column will be found eleven different widths of openings and in line with each width, the other corresponding dimensions for the size which have been found satisfactory and advisable.

By looking at the plan, the novice will discover that the fireplace, as seen, is encased in walls of rough brick-work. The proper dimensions for the rough brick-work and correct flue size are clearly indicated in the second division of the table. In the third division will be found the sizes of equipment that fit the various dimensions as indicated. Explicit attention must be given to the size of the damper and to its proper placing, since many fireplace failures are the result of providing a damper narrower than the throat of the fireplace, or of placing the damper in a rear position, rather than the forward position, as shown.

NOTES:

A — The back flange of the damper must be protected from intense heat by being fully supported and shielded by the back wall masonry.

B — The drawing indicates thickness of brick fireplace front as four inches. No dimensions can be given for this because of various materials used, such as marble, stone, tile, etc., all of which have varying thicknesses.

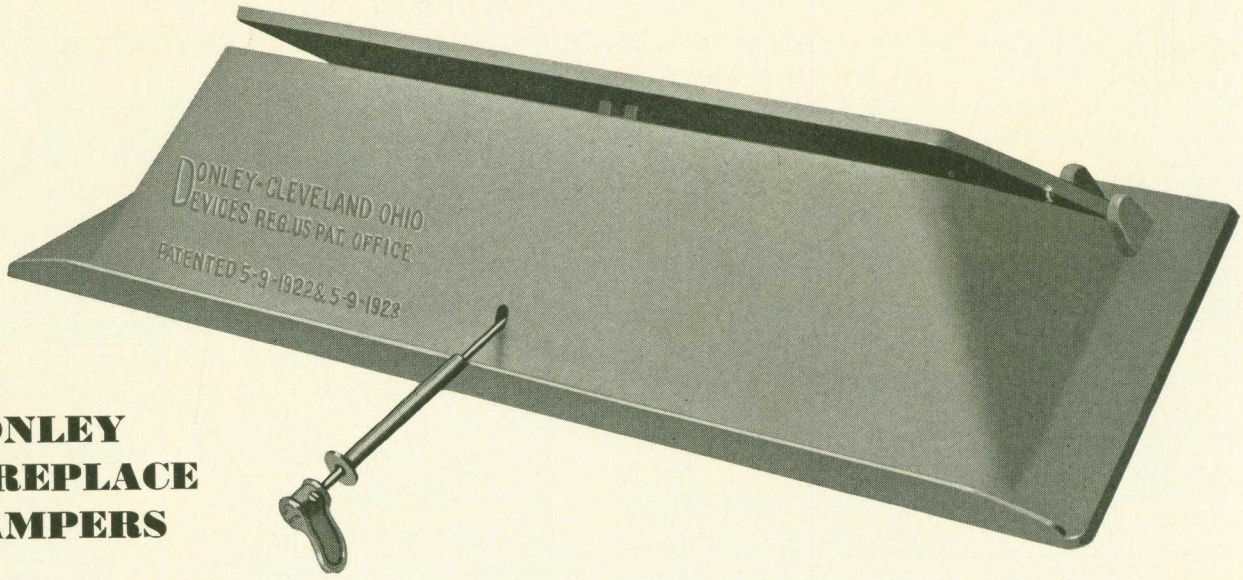
C — These hollow spaces should be filled to form solid backing. If desirable to include a furnace flue in either space, outside dimensions should be increased.

D — A good way to build a smoke chamber is to erect a wooden form consisting of two sloping boards at the sides, held apart by spreaders at top and bottom and nailed upward into cleats as shown. Letters H, M, J, etc., correspond to same letters on elevation above. Form boards should have same width as flue lining.

The profile above shows a rotary control type of damper. On pages 6 and 7, both rotary and poker control dampers are illustrated.

Table of Dimensions for Fireplaces

DIMENSIONS														EQUIPMENT							
Finished Fireplace Opening							Rough Brickwork							Accessories						Furnishings			
Width	Height	Depth	Back	Vertical Back Wall	Sloped Back Wall	Throat	width	depth	smoke chamber	slope of smoke chamber	Std. Rectangular Flue Lining outside dimensions	Std. Round Flue Lining inside diameter	Hearth Assembly	Damper Rotary control	Damper Poker Control	Ash Dump	Ash Pit Door	Steel Angles A 3x3x3/16 B 4x3x1/4 C 5x3½x5/16		Fire Basket	Fire Screen	Andirons	Fire Set
A	B	C	D	E	F	G	H	I	J	K	L	M	ϕ					LENGTH IN INCHES					
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. × In.	In.		No	No.	No.	No.	In. × In.	N	O	No.	No.	No.	No.
24	28	16	11	14	18	8⅜	37	20	24	14	8½ x 8½	10	72	324	224	58	10 x 12	A36	A30	—			
28	28	16	15	14	18	8⅜	42	20	25	14½	8½ x 13	10	72	330	230	58	10 x 12	A42	A36	24			
30	30	16	17	14	20	8⅜	42	20	25	14½	8½ x 13	10	72	330	230	58	10 x 12	A42	A36	28			
34	30	16	21	14	20	8¾	46	20	28	16½	8½ x 13	12	72	336	236	70	10 x 12	A48	A42	30			
36	30	16	23	14	20	8⅜	46	20	28	16½	13 x 13	12	72-84	336	236	70	10 x 12	A48	A42	34			
40	30	16	27	14	20	8⅜	50	20	32	18½	13 x 13	12	72-84	342	242	70	10 x 12	A48	A42	34			
42	30	16	29	14	20	8¾	54	20	35	20½	13 x 13	12	84-96	342	242	70	10 x 12	B54	A48	34			
48	33	18	33	14	23	8¾	59	22	40	23	13 x 13	15	96	348	248	70	10 x 12	B60	B54	40			
54	36	20	37	14	26	13	67	24	42	24½	13 x 18	15	96	354	254	70	12 x 15	B66	B60	40			
60	39	22	42	14	29	13	71	26	45	26½	18 x 18	18	96	360	260	70	12 x 15	B66	B66	57			
72	40	22	54	14	30	13	83	26	56	32½	18 x 18	18	SPECIAL	372	272	70	12 x 15	C80	C80	57			



DONLEY FIREPLACE DAMPERS

Make for warm, clean fires and efficient draft control

BECAUSE the throat of a fireplace is a highly important factor in the clean, satisfactory operation of a fireplace, it is important that you equip yours with a thoroughly modern, thoroughly tested Donley Damper.

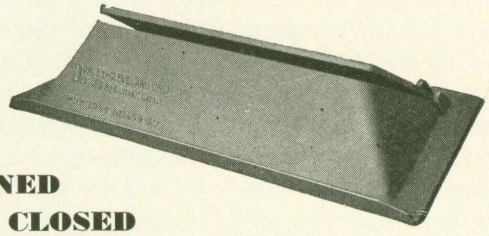
It provides efficient draft control and, more than this, offers a smooth, correctly proportioned passage for smoke and fumes. Installed according to instructions it promotes correct construction of other features of the fireplace.

The Throat is Narrow — Up to and including the 48-inch size, the Donley Damper has an 8-inch opening at the base and a maximum of 4¼ inches at the valve. This offers two important advantages. With Damper correctly placed against the forward wall, there is room for the back to assume the proper forward slope that means efficient heating. Also this narrowness enables the Damper to be set, not under the flue, but forward of it — so that down-draft is pocketed on the smoke shelf, back of the uplifted valve plate.

Distinctive Front Flange — Notice that the front flange is turned upward, further facilitating the correct forward position of the damper. It is unnecessary to fit this flange between courses of masonry — an advantage in the case of arched openings or where the forward wall is of stone, marble or tile.

Choice of Operating Device — The large illustration above is that of the Rotary Control type, the valve plate being operated by turning a polished brass knob on the front of the fireplace. As regularly supplied, this knob is at the center, but it is also made in a side control type with the knob at the right. Poker and Chain control (the latter in two sizes only) are illustrated and described hereafter.

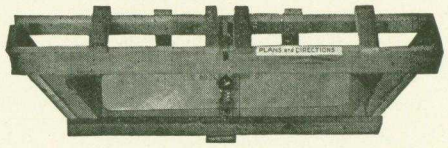
Made of Cast Iron — At a time when many cheap dampers are made of pressed steel, it is gratifying to know that your Donley Damper is made from the highest grade of cast iron; that it is good for many decades, providing lasting draft control—the maximum of heat with economy of fuel.



OPENED AND CLOSED WITH A POKER

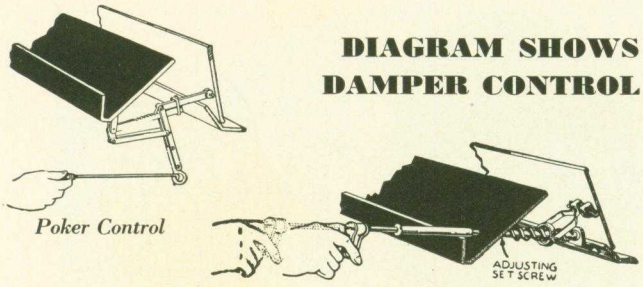
A ring hangs downward from the center of this Donley Poker Control Damper. You open and close the valve plate by hooking a poker into the ring and pushing or pulling, with a slight lifting motion. Its control device is less conspicuous than that of the Rotary Control type shown above. Both types of control are diagrammed on the next page.

COMES ASSEMBLED AND CRATED



Every Donley Damper comes fully assembled, which saves time, and in a crate that provides safety against breakage. Attached to the crate is a copy of the Donley Plan Sheet of fireplace designs, giving full instructions, diagrams and cautions to assist in correct fireplace construction.

DIAGRAM SHOWS DAMPER CONTROL



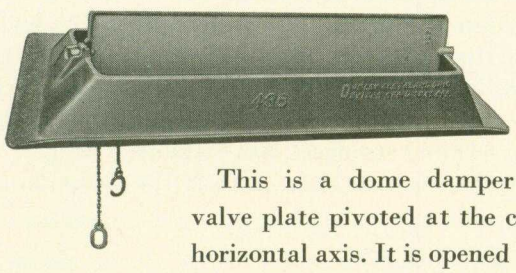
CORRECT SIZE TO USE

Donley Dampers are made for fireplaces having openings 2 to 8 feet in width. The size of damper for your fireplace is determined by the size of the fireplace opening. If a 36-inch damper is indicated, that means 36 inches, inside measure, at the lower part of the damper throat. This 36-inch size should be used for fireplaces having openings that are more than 30 inches and up to 36 inches in width. The same practice applies to other widths of opening. In the damper numbers listed in the table, the last two figures indicate the size and the first figure the type — thus in damper No. 236, the figures 36 indicate the size, while the figure 2 shows that it is a Poker Control Damper.

Type of Damper and Number of Each			For Fireplace Openings With Maximum Width of	Shipping Weight
Poker	Rotary	Chain		
224	324	...	24″	30 lbs.
230	330	430	30″	31½ "
236	336	436	36″	38 "
242	342	...	42″	44 "
248	348	...	48″	50 "
254	354	...	54″	95 "
260	360	...	60″	100 "
272	272	...	72″	129 "
*284	*384	...	84″	150 "
*296	*396	...	96″	170 "

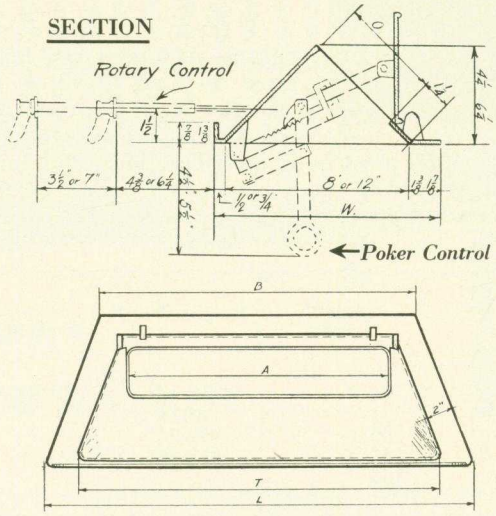
*84″ and *96″ dampers have two valve plates.

DONLEY CHAIN CONTROL DAMPER



This is a dome damper with the valve plate pivoted at the center on a horizontal axis. It is opened and closed by pulling on one of the two chains that hang at the left, as desired. Manufactured to meet an occasional demand, this damper is furnished in two sizes only, the 30 and 36-inch sizes, as indicated in the table above.

DIMENSIONS OF DONLEY POKER AND ROTARY DAMPERS

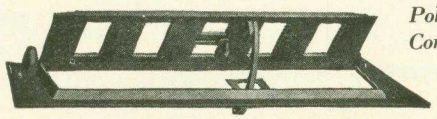


Poker Control No.	Rotary Control No.	Throat T	Throat A	Throat O	Overall Lgth L	Overall Back B	Overall Width W.
224	324	24	17 5/16	4¼	28½	21	9 7/8
230	330	30	23 5/16	4¼	34½	27	9 7/8
236	336	36	29 5/16	4¼	40½	33	9 7/8
242	342	42	35 5/16	4¼	46½	39	9 7/8
248	348	48	41 5/16	4¼	52½	45	9 7/8
254	354	54	42½	7	58½	46	14 5/8
260	360	60	49½	7	64½	53	14 5/8
272	372	72	60½	7	76½	64	14 5/8
*284	*384	*84	73½	7	88½	77	14 5/8
*296	*396	*96	85¾	7	100½	89	14 5/8

*Two Valve Plates

Diagram and table of dimensions enable designer to calculate space required for each size of damper accurately. Where two dimensions are indicated on the same line in the diagram, the smaller is for sizes up to and including Nos. 248 and 348, and larger dimensions for Nos. 254 and 354 and greater. Both operating devices are indicated in order to show dimensions. For further details, see diagram on page 5.

DONLEY FLAT RACHET DAMPER

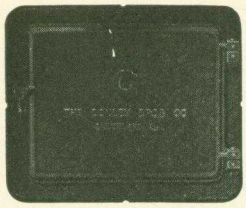


Poker Controlled

This is a flat damper without the throat forming feature. It has a poker controlled valve plate; also a sliding shutter for additional draft adjustment. It is a practical means of draft control when used by skilled mechanics.

Dimensions of Donley Ratchet Damper

No.	Overall Size Lgth. Front	Overall Size Lgth. Back	Overall Size Width.	Size of Opening	Shipping Weight
124	24″	22″	8″	18½″x4¾″	13 lbs.
126	26″	24″	8″	18½″x4¾″	14 "
128	28″	26″	8″	22 ″x4¾″	15½ "
130	30″	28″	8″	22 ″x4¾″	17 "
132	32″	30″	8″	26¾″x4¾″	18½ "
136	36″	34″	8″	27¾″x4¾″	20 "
142	42″	40″	8″	36½″x4¾″	21½ "
148	48″	46″	8″	42½″x4¾″	27 "



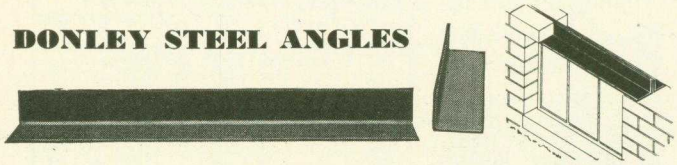
DONLEY ASH-PIT DOORS

Except as noted, these clean-out doors are made of rust resisting cast iron. Three smaller sizes are used as flue clean-outs at base of chimneys, as required by most building codes. The 10x12 size is a convenient shovel size for removing ashes from ash-pits. Neat in appearance, all are close-fitting and have anchoring lugs on the inner flange.

Hght.-Width	Shipping Weight	Height-Width	Shipping Weight
§6x 8″	48 lbs. doz.		
7x 9″	74 " "	‡24x18″	50 lbs. each
8x 8″	74 " "	30x24″	120 " "
8x10″	80 " "	*30x24″	70 " "
10x12″	125 " "	†30x30″	175 " "
12x15″	160 " "		

*Steel door, Cast Iron frame. †Double door. ‡Also supplied with baffle plate. §Steel door and frame.

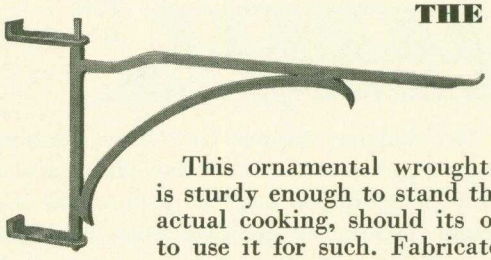
DONLEY STEEL ANGLES



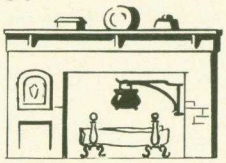
These standard, hot rolled steel angles provide a strong, economical, convenient support for brick work above the openings in fireplaces, also to support brick work over doors and windows. Protected by coating of high-grade paint.

Sizes	Lengths, Inches	Shipping Weight, Per Foot
3x3 x$\frac{3}{16}$	30-36-42-48	3.1 lbs.
4x3 x$\frac{1}{4}$	30-36-42-48-54-60	5.8 "
5x3$\frac{1}{2}$x$\frac{5}{16}$	Cut to order.	8.7 "

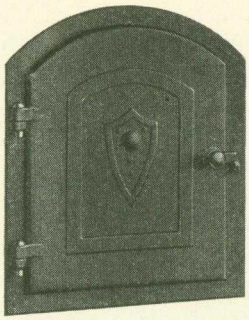
THE DONLEY CRANE

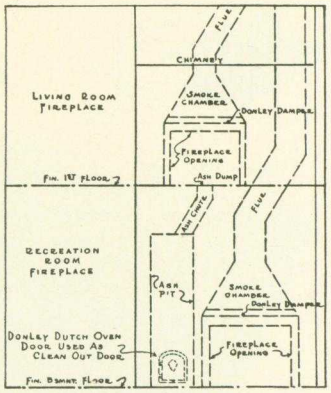


This ornamental wrought steel crane is sturdy enough to stand the stresses of actual cooking, should its owner decide to use it for such. Fabricated from $\frac{5}{8}$-inch square steel bars, it is strongly welded at the joinings. Substantial anchor bars are provided for building into side walls. Vertical member is so made that crane can be readily installed or removed from anchors.



No.	Length of Crane	Width of Fire-place Openings	Between Anchors	Shipping Weight
1	22 ″	24″ to 32″	14$\frac{1}{4}$″	10 lbs.
2	26$\frac{1}{2}$″	32″ to 44″	14$\frac{1}{4}$″	12 "
3	32$\frac{1}{2}$″	44″ to 54″	18$\frac{1}{4}$″	14 "
4	41$\frac{1}{2}$″	54″ to 72″	21$\frac{3}{4}$″	16 "

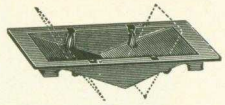




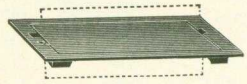
DONLEY DUTCH OVEN DOOR

The charming informality of the Early American kitchen fireplace may be reproduced with the aid of the Donley Dutch Oven Door, an ornamental door, made by expert molders from the highest grade cast iron. You will probably not use your Dutch oven for baking, but it makes a most convenient recess for firewood. Or, you can use this door as an ornamental cleanout door located beside a basement fireplace, serving the ashpit of an upper fireplace, as shown in the drawing. It is regularly supplied with a finish of art black, but also available in a plated finish of antique brass. The Donley Dutch Oven Door fits a wall opening 12$\frac{1}{2}$ by 15$\frac{1}{2}$ inches. Its overall size is 15 by 18 inches. Shipping weight, 20 pounds.

No. 70 Ash Dump



No. 57 Ash Dump



No. 58 Ash Dump

DONLEY ASH DUMPS

These iron trap doors placed in the hearth below the fire are indispensible to convenient disposal of ashes. Doors on all models are locked into the frames to prevent dropping into the ash-pit. Donley Ash-Dumps are made of stove grade cast iron to resist warping. Locking devices are below and do not mar the smooth surface of the appliances. Nos. 58 and 70 have single doors set flush with the floor, doors being pivoted off-center so they may be opened and closed with a poker. No. 57 has two slightly recessed doors which close themselves when ashes have been pushed through. No. 70, largest and strongest, has extra deep flanges.

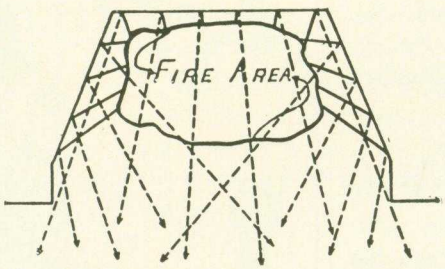
No.	Floor Opening	Depth of Frame	Shipping Weight Per Dozen
57 (2-door)	5 x 7 ″	1$\frac{3}{4}$″	28 lbs.
58 (1-door)	5 x 8 ″	$\frac{3}{4}$″	28 "
70 (1-door)	*7$\frac{1}{4}$x10$\frac{1}{4}$″	2 ″	72 "

*Including lugs on side, 7$\frac{3}{4}$x10$\frac{1}{4}$″.

Interchangable for Coal or Wood

THE DONLEY FIRE BASKET

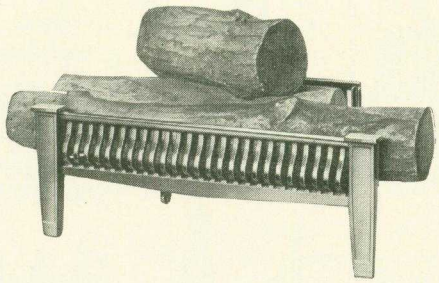
SIMPLE, graceful and correct in design, the Donley Fire Basket is sturdy enough to stand hard use for many years. It is a product of the Donley policy of co-ordinating every feature of the fireplace for efficient operation. Its sides are splayed inward at the back to coincide with the wall angle of a properly designed fireplace. The importance of this is shown in the diagram, which illustrates how heat radiated against the walls is reflected outward into the room, instead of being wasted up the chimney.



Illustrating heat radiation from fireplace having properly designed side and rear walls

Made of the best quality of iron, the basket will not warp under uneven distribution of heat. The back legs are provided with rollers which make it easy to move over the hearth.

A highly advantageous feature is the removable ends, which make it possible to burn wood of any length, by lifting out the ends. In many homes, the wish to burn coal and wood, alternately, is frustrated by the nuisance of removing the whole fire basket. The answer is found in the Donley Fire Basket. Simply lift out the ends and lay your wood. Careful design and construction avoids all possibility that the ends will warp or fall out. There is no dump bottom to warp and need replacing.



The illustration above shows how the ends of the Donley Fire Basket can be removed to care for logs longer than the basket itself. These ends are easy to remove or to replace when it is desired to burn coal

Beware of buying a fire basket because it looks well in the display room. Due to difference of proportion, it may look entirely different in the fireplace. Donley Baskets are co-ordinated with correct interior design. Their graceful design, without excentricities, harmonizes with any decorative plan.

Dimensions of Donley Fire Basket

Front Order by this No.	Back	Depth	Shipping Weight	Suitable for Fireplaces With Opening Widths of
24″	12½″	15″	45 lbs.	24″ to 28″
28″	16½″	15″	50 “	28″ to 34″
30″	18½″	15″	53 “	32″ to 36″
34″	22½″	15″	61 “	36″ to 44″
40″	28½″	15″	80 “	44″ to 60″
57″	45½″	15″	120 “	60″ to 84″

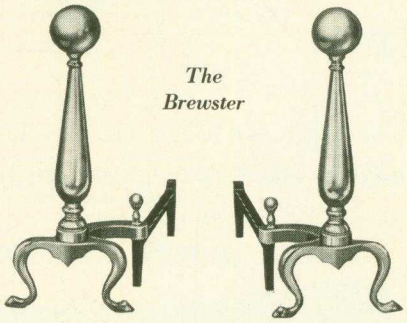
Height at back, 12″. Height at front, 10½″. Clearance for Andirons under front, 5″.

DIGNITY, STABILITY, GRACE, IN THESE DONLEY ANDIRONS

For those who regard the fireplace as a sort of family shrine, no fire is so satisfying as blazing logs supported by graceful, harmonious andirons. Even when the more practical fire basket is in use, these Donley Andirons, arranged with their shanks beneath the basket are an indispensible adjunct to fireplace charm.

Avoiding eccentricities, Donley Andirons are designed to gratify a variety of tastes and to co-ordinate with other elements in the fireplace picture — Donley Fire Sets and Fuel Containers.

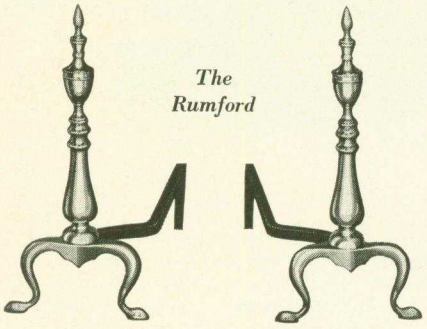
A word about materials. The term "cast brass" means just what the term indicates. Except for the andirons or parts indicated as "cast brass," all Donley Andirons are cast from high grade gray iron. Shanks that support fuel are iron castings, even in the "cast brass" models. The term "antique brass" refers to a plated brass finish over iron, which is either polished or given a sand finish that presents the soft, uniform, sand texture of the casting beneath. "Black" finish refers to the iron casting blackened with a special, heat resisting paint. Designation of the various models and finishes is as follows:



The Brewster

BREWSTER MODEL

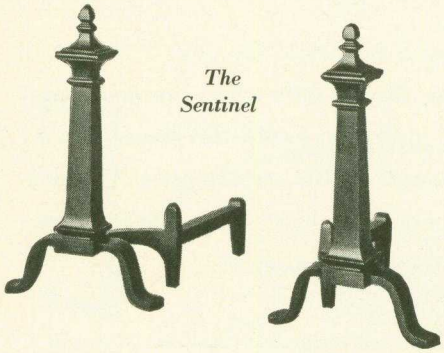
Height, 19 inches. No. 7 cast brass front, shroud and fuel stop — a model of exceptional beauty and quality.



The Rumford

RUMFORD MODEL

Height, 17¼ inches. No. 131-B, cast brass front — a design that reflects the best traditions of colonial days.



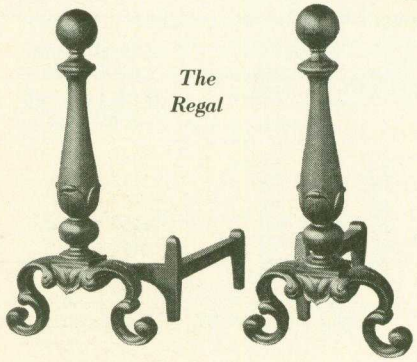
The Sentinel

SENTINEL MODELS

Height, 20½ inches. No. 10, black; No. 12, antique brass, sand; No. 15, antique brass, polished.

REGAL MODELS

Height, 22 inches. No. 20 black; No. 22, antique brass, sand; No. 25, antique brass, polished; No. 27, entire front cast brass; No. 29, black with cast brass balls.



The Regal

WINDSOR MODELS

Height, 18½ inches. No. 30, black; No. 32, antique brass, sand; No. 35, antique brass, polished. No. 37, cast brass front.

SPARTAN MODELS

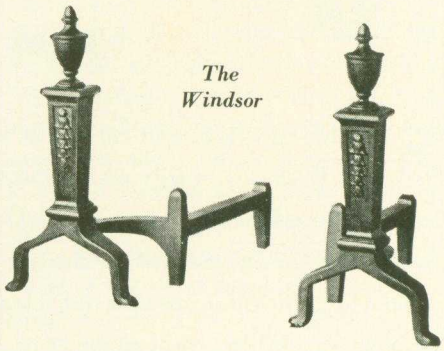
Height, 20 inches. No. 40, black; No. 42, antique brass, sand; No. 45, antique brass, polished; No. 49, black with cast brass balls.

STANDISH MODELS

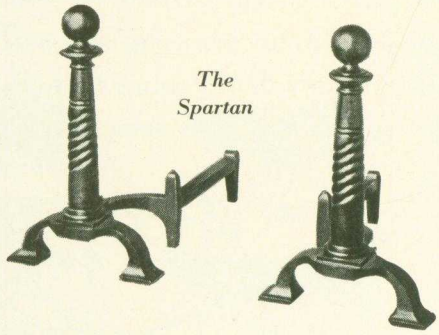
Height, 14½ inches. No. 50, black; No. 52, antique brass, sand; No. 55, antique brass, polished.

FLAME MODELS

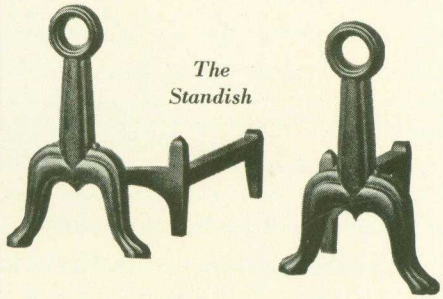
Height, 18¼ inches. No. 60, black; No. 62, antique brass, sand; No. 65, antique brass, polished. All have panel of cast brass.



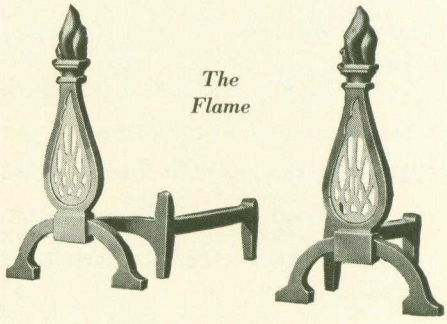
The Windsor



The Spartan



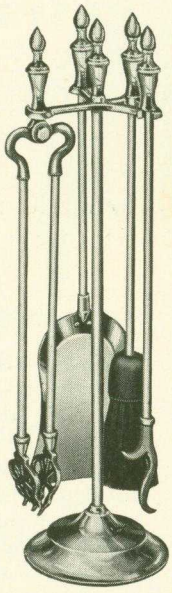
The Standish



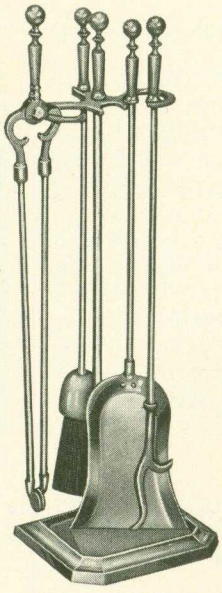
The Flame

SELECT YOUR DONLEY FIRE SET AS A CHOICE PIECE OF FIRESIDE FURNITURE

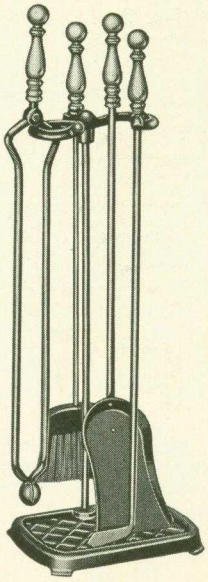
DONLEY Fire Sets are of two general classes — cast brass sets with undoubtedly higher decorative value and cast iron sets, correspondingly to be preferred on grounds of durability and long service. The cast iron sets are beautifully executed and offered in a variety of finishes. The term "antique brass" refers to plated finish used over cast iron.



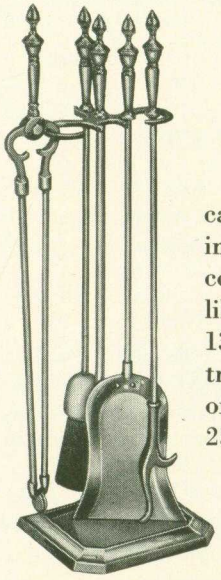
Model 220-B is likewise of cast brass, with canopy base and 23 inches in height, with claw-shaped tong. Its urn-shaped handles impart an air of historic mansions. It harmonizes with No. 131-B andirion. A set which serves its purpose and gratifies the eye until it becomes an authentic antique.



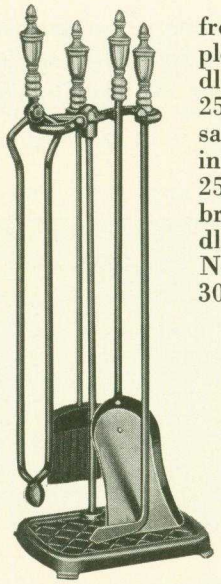
No. 210-B is a graceful set manufactured in cast brass throughout with handles of attractive colonial pattern appropriate with No. 7 andiron. It imparts an air of quality that will endure through generations of use. Pedestal is flanged to prevent the scattering dust from broom and shovel. Height, 25 inches.



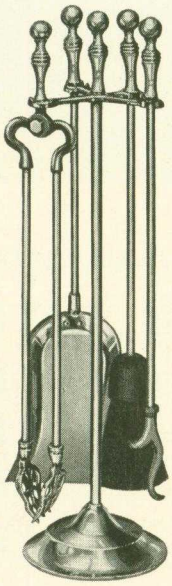
The Model 240 series, excepting as hereafter indicated, is manufactured from cast iron with steel tools, the term "antique brass" referring to a plated finish. Model 240, black. Model 242, handles in antique brass, sand finish. Model 245 handles in antique brass, polished. Model 246 finished all over in antique brass, polished. Model 247 handles of cast brass. Model 249 brass balls. Co-ordinates with Nos. 2, 4 or 7 andirons. Height, 30 inches.



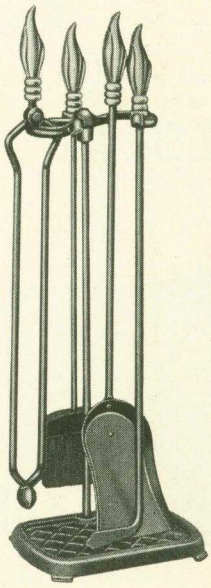
Model 212-B is likewise a completely cast brass set, differing from the preceding chiefly in the design of its delicately conceived Georgian handle with its urn-like suggestion, in keeping with No. 131-B andiron. Thoroughly practical, attractive and lasting, it is a fire set worthy of the most exclusive home. The height is 25 inches.



The Model 250 series varies from the preceding only in the pleasing urn pattern of the handles. Model 250 black. Model 252 handles in antique brass, sand finish. Model 255 handles in antique brass, polished. Model 256 finished all over in antique brass, polished. Model 257 handles of cast brass. Goes well with No. 3 or 131-B andirion. Height, 30 inches.



Model 218-B is cast brass throughout and differs from the preceding in its canopy base as well as in the design of the utensils. Note the impressive claw effect of the tongs, harmonizing with No. 7 andirion. Also the simple efficiency of the ball and spindle handles. The height is slightly less than the previous models, being 23 inches.



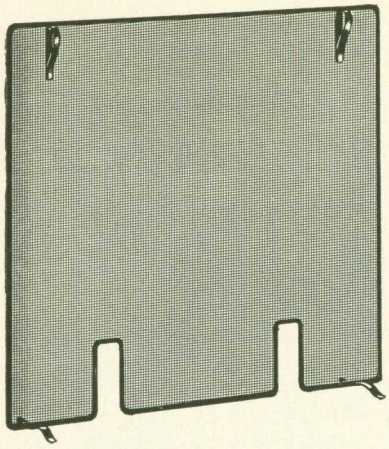
The attractiveness of a fire set lies largely in its array of handles and no pattern could be more suggestive of the fireside than the flame model of the 260 series, co-ordinating with flame andirons. Model 260 is finished in black. Model 265 has handles in antique brass, polished. Model 266 is finished all over in antique brass, polished. Model 267 has cast brass handles. Harmonizes with No. 6 andiron. Height, 30 inches.

MAKE YOUR FIREPLACE SAFE WITH DONLEY SCREENS

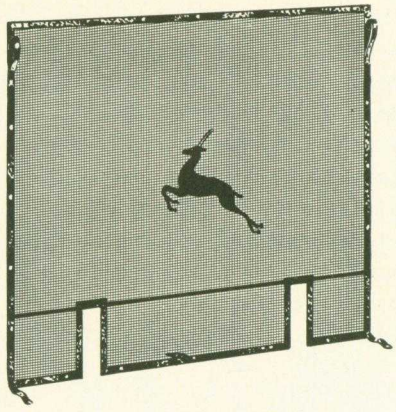
DONLEY Fire Screens enable you to enjoy your open fire with a sense of security. Easy to set aside when you prefer an unobstructed glow, they save rugs and clothing when sparks are popping. When you retire, or leave your home, you do not have to wait for the fire to die down. If you have children in your home, a Donley screen is highly important for their safety.

Donley Fire Screens are made in three types — the flat type that fits close to the fireplace front, those with a wide central panel and two wing panels, those divided into four panels. Each is substantial, attractive and built to last.

CLOSE-FITTING FLAT TYPE



These one-piece screens are made to fit close to fireplace front, notches in the base permitting andirons to come through. Designed to be one inch higher and two inches wider than opening. Rod framed screen at left made with curved top on a special order to fit arched fireplace. Screen at right has frame of two pieces with screen riveted between; the front piece has a flange to cover the joint. Regular finish of both types is black, with slight extra charge for brass handles and legs. Type 2 also finished in hammered effect.



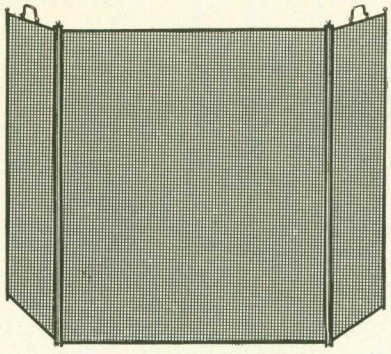
Type No. 1 — Stock dimensions; height 31 inches, widths 32, 38, 44 and 50 inches. Shipping weights, respectively, 18, 20, 22 and 30 pounds. Other sizes, including arched top screens made on special order.

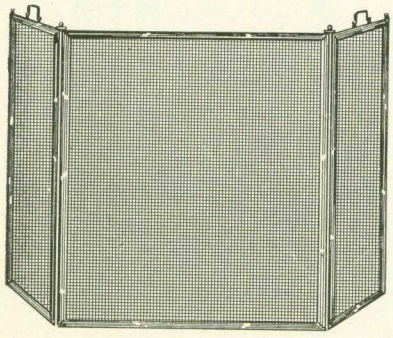
Type No. 2 — With or without ornament. Stock dimensions; height 31 inches, widths 32, 38, 44 and 50 inches. Shipping weights, respectively, 18, 20, 22 and 30 pounds.

THREE-FOLD SCREENS

Designed to enclose the andirons, these screens are adaptable to any size fireplace within indicated limits. Substantial and convenient, they are easy to put in place or remove, as desired.

No. 300 — Rod frame supporting strong wire screening. Adapted to fireplaces from 24 to 44 inches in width. Center panel is 24 inches wide and side panels 12 inches. Height, 30 inches. Finish, black.

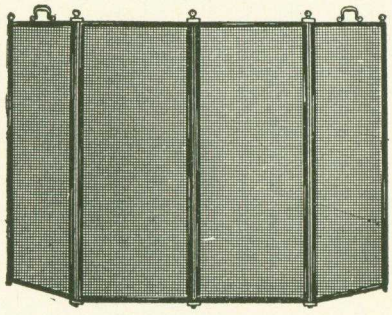




No. 310 — Substantial brass frame and handles, with strong wire screen. For fireplaces up to 48 inches wide. Center panel is 26 inches wide and side panels 13 inches. An unusually attractive screen and thoroughly practical.

FOUR-FOLD SCREENS

These screens are highly attractive, efficient and adaptable, folding into minimum space. As will be noted, a five fold screen is included, for use where maximum width is required.



Height, 30 inches. Fold, 12 inches. This screen has a rod frame, supporting heavy wire cloth of fine mesh.

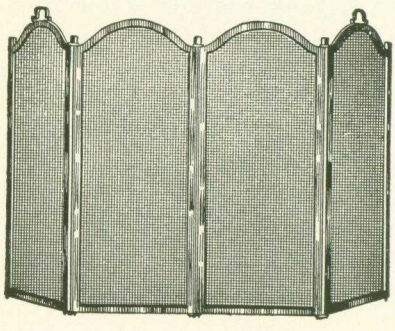
No. 200 — Black with antique brass knobs and handles.

No. 200-A — Same as 200, but with five folds and 36 inches high.

Height, 30 inches. Fold, 13 inches.

No. 220 — Square, solid brass, polished, heavy molded frame with curved top and close mesh, strong black wire cloth.

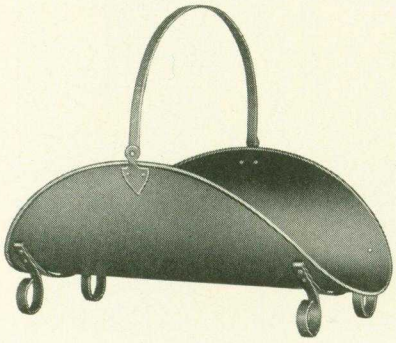
No. 220-A — Solid brass, same as above, but with antique brass finish.



UTILITY WITH CHARM IN THESE DONLEY FUEL CONTAINERS

FUEL handling at your fireplace need not be the unsightly bugbear that many people make of it. Donley Wood Carriers and the Donley Coal Hod are light, convenient and attractive — an ornament to any hearth, co-ordinating in their finishes with the Donley Andirions and Fire Sets.

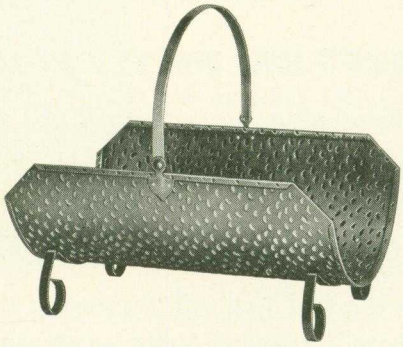
TWO DONLEY WOOD CARRIERS



No. 1, 2 and 3

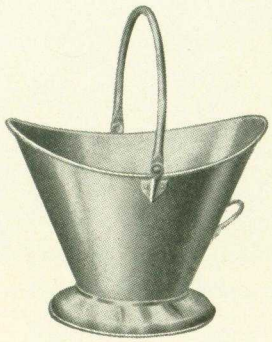
Made of metal in attractive finishes, this Donley Wood Carrier is as light as a wicker basket, yet its construction is sturdy and it will not allow dirt to sift onto the floor, nor has it any fragments to break off. Size 14 by 21 inches. Made in three finishes, as shown in table.

Here is another attractive Donley Wood Carrier of somewhat different design and lower in price. The illustration shows the Swedish hammered finish of the No. 12 carrier, Nos. 10 and 11 have smooth finishes. Its size is 14 by 21 inches and it can be relied upon as a thoroughly sturdy and lasting piece of equipment.



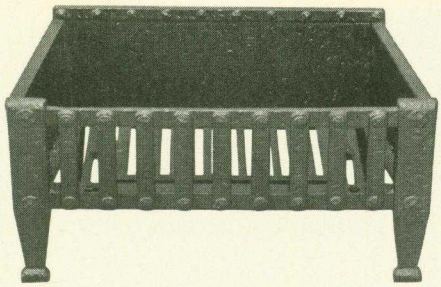
No. 10, 11 and 12

Order by Number	Finish		Shipping Weight
	Basket	Handle	
1	Black	Brass	7 lbs.
2	Black	Antique Brass	7 "
3	Antique Brass	Antique Brass	7 "
10	Black	Black	7 "
11	Antique Brass	Antique Brass	7 "
12	Swed. Hammered	Antique Brass	7 "



DONLEY COAL HOD

is good-looking and useful. It is graceful in shape, strong in construction, yet light in weight. The hod is provided with a large antique or bright brass handle. Altogether, it is very attractive and well finished. It harmonizes well with other fireplace furnishings.

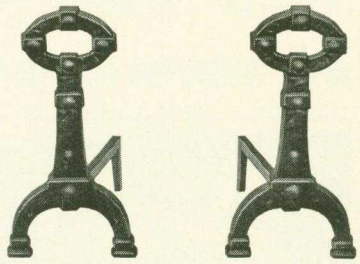


DONLEY CRAFTSMAN FIRE BASKETS

This Craftsman type of Donley Fire Basket is specially designed for smaller fireplaces than those using the regular types on Page 9. It is equipped with a cast iron dump grate.

Order by Number	Width, Front	Width, Back	Depth	Shipping Weight
120-20	20"	17"	11½"	41 lbs.
120-22	22"	19"	11½"	44 "
120-24	24"	21"	11½"	46 "

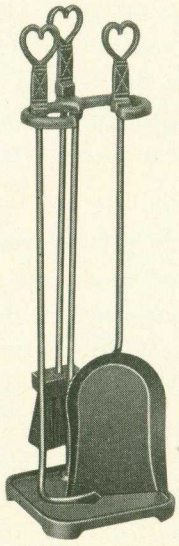
DONLEY CRAFTSMAN ANDIRON



This Donley Craftsman Andirion supplies the need for an inexpensive andiron of simple design in black only. Its height is 17 inches and it is thoroughly practical but less ornamental than the andirons regularly listed on page 10. Suitable for small fireplaces. Order No. 11-A.

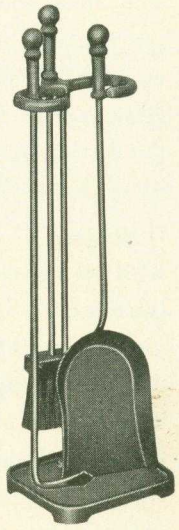
DONLEY CRAFTSMAN FIRE SETS

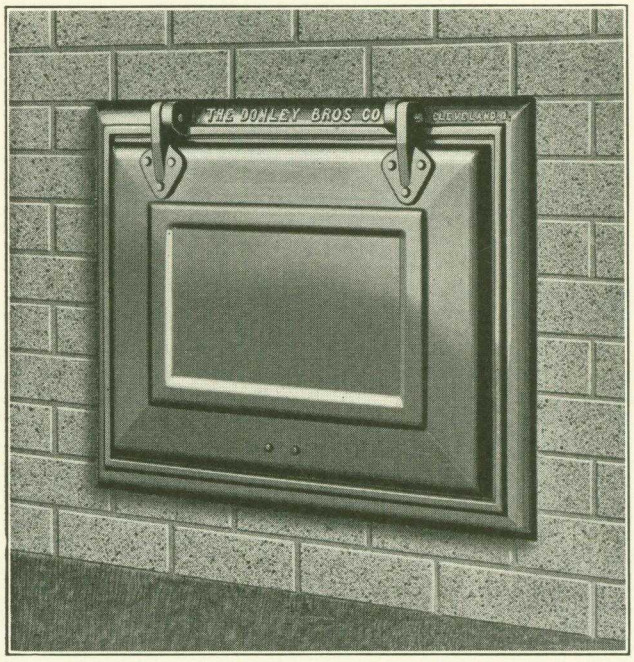
Besides the regular line of Donley Fire Sets shown on page 12, we offer these two Craftsman models in black finish only, consisting of poker, shovel and brush but without the tongs, shown in other sets.



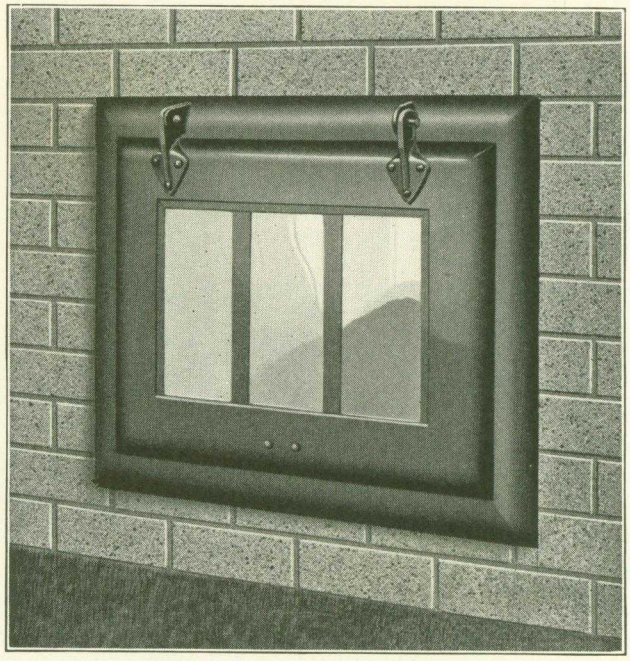
No. 311, with heart-shaped handle. Height, 24 inches. Black iron only. Shown at left.

No. 312, with handle of simple colonial design. Height, 24 inches. Black iron only. Shown at right.



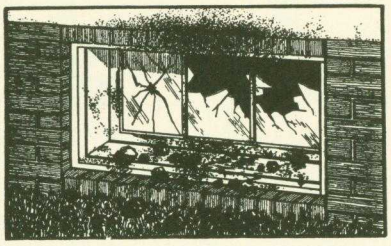


No. 29 or 213 Coal Chute, shown here, has a malleable iron frame and a pressed steel door. It is strong and sturdy and presents a neat appearance. Hopper is optional on No. 213.



No. 48 Coal Chute has glass held in place over cork cushion by spring clips. No putty is used. Frame is of copper steel. Shield protects glass when open. No. 712 is similar in construction but larger.

BY ALL MEANS A STURDY, SECURE DONLEY COAL CHUTE



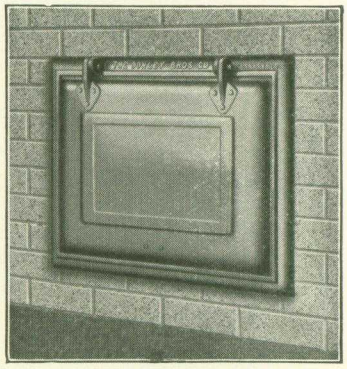
INSTEAD OF THIS

DONLEY Coal Chutes offer every advantage of protection to the face of the building and security to the interior. They withstand the most battering service without defacement. Yet, after many years of this demonstrated superiority, occasional owners find themselves with nothing better, in their new home, than an old-fashioned, wooden-framed window. As the years pass, the frame is rutted deep with the wear of the delivery chute. The siding or masonry above the window is blackened and marred. The glass is exposed to shattering by any stray, flying lump.

They Protect — Highly durable themselves, Donley Coal Chutes protect the building at its most vulnerable point, just above the chute. The illustration at the top of page 15 shows the chute door open for service, its door held upright by the formation of the hinges. In the case of glass paneled doors, a shield drops over the glass, when the door is open, but is so attached that it does not obstruct light when the door is closed.

Burglar Proof — When the coal man gets through with his delivery, he closes the door and an automatic latch secures it firmly. There is no exposed locking device on which a burglar can work. When another delivery is expected, the door is unlatched from the inside. It is not necessary to enter the coal bin to do this. A pull on a chain that is carried out of the bin, along the basement ceiling, loosens the latch and the coal man lifts the door upright. When he is through, the simple act of closing renders it secure against any intrudor. All in all, it is the last place an intruder would tackle.

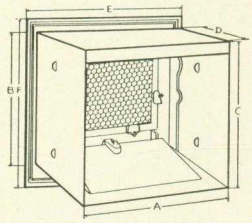
Many Types — The Donley Coal Chute is made in types to fit every situation and preference. There are three entirely different types, the Wall Chute, the Store Chute and the Grade Line Chute. Each of them has copper steel, rust-resisting body, reinforced by steel angles. Frame and hinges are of malleable iron or copper-bearing steel. Automatic catches are of malleable iron and all have inside chain release.



Coal Chute No. 19, shown here, has copper steel frame and body with a door of attractive panelled steel.

TWELVE MODELS OF DONLEY FOUNDATION CHUTES

Order by No.	Description		Rough Wall Openings			Bottom of Chute	Shipping Weight	Hoppers
	Door	Frame	Wide	High	Deep			
19	Solid Steel	Copper Steel	24″	17″	8″	Straight	31 lbs.	None
29	Solid Steel	Malleable	24″	17″	8″	"	41 "	"
48	Clear Glass, 3 Lts.	Copper Steel	24″	17″	8″	"	40 "	"
39	Wire Glass, 1 Lt.	Malleable	24″	17″	8″	"	50 "	"
213	Solid Steel	Malleable	24″	17″	12″	Slanting	47 "	Optional
313	Wire Glass, 1 Lt.	Malleable	24″	17″	12″	"	55 "	"
613	Solid Steel	Malleable	32″	22″	12″	"	81 "	"
713	Clear Glass, 3 Lts.	Malleable	32″	22″	12″	"	88 "	"
612	Solid Steel	Copper Steel	32″	22″	12″	Straight	60 "	None
712	Clear Glass, 3 Lts.	Copper Steel	32″	22″	12″	"	65 "	"
617	Solid Steel	Malleable	32″	22″	17″	Slanting	90 "	Optional
717	Clear Glass. 3 Lts.	Malleable	32″	22″	17″	"	97 "	"

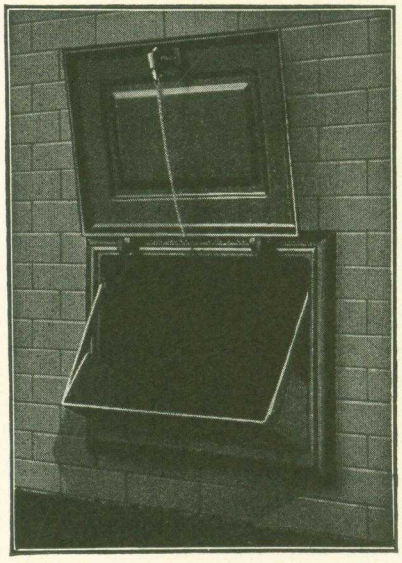


ORDERING RIGHT SIZE

The diagram above, with letters referring to the table below, will aid you in determining the exact size of chute required for your situation. The chute represented is a slant bottom model, but the dimensions given apply to both horizontal and slant models. This table should be supplemented by careful reading of the table in the previous column.

Measurements in Inches

Chute No.	A	B	C	D	E	F
19, 29, 39 and 48....	22	16	16	8	25	19
213 and 313.....	22	16	18½	12	25	19
612 and 712.....	30½	21	21	12	34½	24½
613 and 713.....	30½	21	23	12	34½	24½
617 and 717.....	30½	21	25½	17	34½	24½



This illustration shows Donley Coal Chute No. 213 opened.

Notice the automatic latch and the galvanized chain for releasing the lock.

The hopper is optional on models numbered 213, 313, 613 and 713.

TYPES OF DONLEY FOUNDATION CHUTES

The table above lists twelve different types of Foundation (or Wall) Chutes. They differ in regard to the doors, whether solid metal or glass, also as to slanting or straight bottoms, as to the availability of hoppers and also as to dimensions.

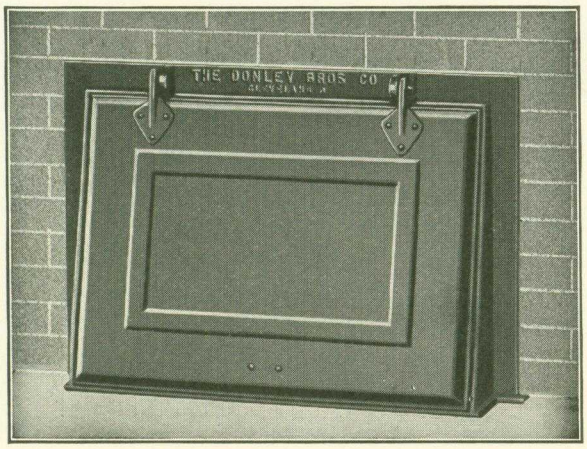
Glass Doors — Two types of glass doors are listed, a three-light arrangement, the lights being bedded in cork and held in place by clips and also a single light door, with quarter-inch wire glass held in place by putty. The single light type has a malleable iron frame and the three- light type steel frame.

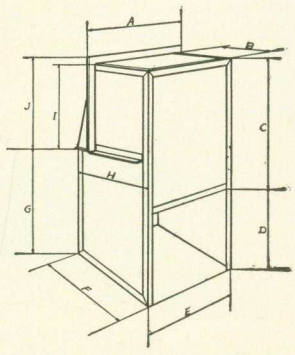
Frames — Four of the chutes listed have copper steel and eight have frames of malleable iron. The bottom of the chute may be straight or sloping, according to the kind ordered.

Hoppers — Increasing use of slide chutes by delivery men has lessened the demand for a hopper on the Donley Coal Chute. However, hoppers are optional on six numbers indicated and omitted entirely on the rest, as shown in the table above. Order by number.

THE DONLEY STORE CHUTE DELIVERS COAL BELOW GRADE

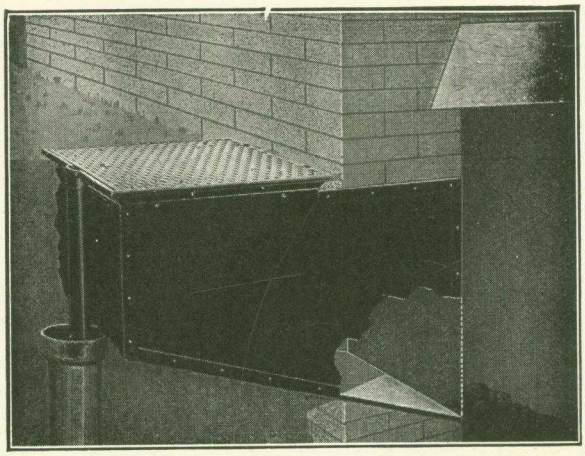
In stores where the floor is at or near grade, a chute is often preferred with an opening in the side wall. The Donley Store Chute has a door slightly slanted and a descending chute, that discharges from the side into the basement. If this chute is built in a wall less than 12 inches thick the portion projecting beyond the interior of wall can be inconspicuously encased in trim above the floor level. Made of malleable iron and copper bearing steel, its door calls for a clearance of 3½ inches beyond the outer wall.





No.	A	B	C	D	E	F	G	H	I	J
3	25⅜	12	25	16	22⅞	16⅝	19	15½	16¼	17¾
4	34	12	30	16	31½	16⅝	19⅝	15½	20¾	22⅝

No. 3 has solid door similar to Nos. 29 and 213. Shipping weight, 100 pounds.
No. 4 has solid door similar to No. 613. Shipping weight, 150 pounds. Hoppers optional.



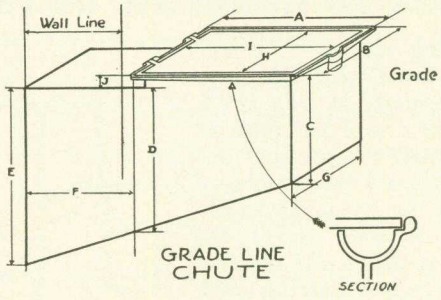
IF YOUR HOME IS BUILT LOW, THE DONLEY GRADE LINE CHUTE

Many charming homes are built with floors near the ground level, making it impractical to use the types of chute described on pages 14 and 15. For such, is the Donley Grade Line Chute, with horizontal opening at the level of the lawn or drive. It is also useful for stores or business buildings.

This chute has the same protective advantages as the foundation chute. When coal is delivered, its door turns up against the building, shielding it from flying fuel. Its automatic lock is released from the inside by pulling a chain from a point outside the bin.

Water cannot run into your basement due to an exclusive and important drainage feature. Its heavy, malleable iron frame is made with a gutter formation, illustrated below, which runs around the edge of the cover. The gutter has an outlet outside the chute, which may be connected by a pipe to a drain tile and thus to the house drain. Pipe connection is furnished without extra cost, but only when ordered.

The door of the chute is made of checkered steel, affording a good foothold and capable of supporting ordinary sidewalk traffic. The frame and hinge are of malleable iron with hinge pin of brass. Shipping weight, No. 1, 145 pounds; No. 2, 210 pounds.

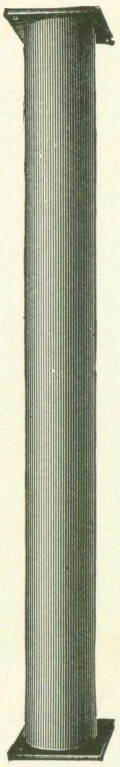


Note Section of Gutter Frame

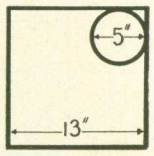
Dimensions Grade Line Chute, Inches

No.	A	B	C	D	E	F	G	H	I	J
1.....	21	26¼	14¾	19½	24½	14¼	24½	25¼	20	2½
2.....	27	32¼	17¾	24¾	30½	16¼	30½	31¼	26	2½

In ordering the Donley Grade Line Coal Chute please consult dimensions in the above table and order by number.



SAVE BASEMENT SPACE WITH DONLEY COLUMNS

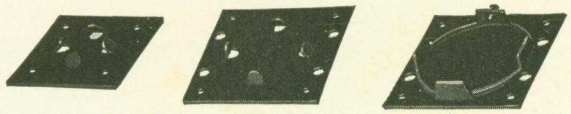


The square at the right represents the floor space taken up by an old-fashioned brick column in your basement. The circle within shows, by comparison, the space taken by a five-inch Donley Basement Column of hollow steel. Amply strong for any possible stress, Donley Columns are more economical, quicker to install and take up less space in your basement. Made of reclaimed pipe, thoroughly painted, they are available in four-inch and five-inch diameters in four standard lengths.

Length	Ship. Wght.		Length	Ship. Wght.	
	4-In.	5-In.		4-In.	5-In.
6′	34	65	7′	40	75
6′ 6″	37	70	7′ 6″	43	80

Special lengths cut to order.

COLUMN CAPS AND BASES

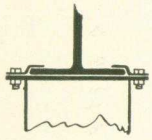


Number 1 Number 2

No. 1, pressed steel made in 4 and 5-inch sizes, used either as cap or base and regularly supplied with columns unless otherwise specified.

Four-inch size has nail holes only — five-inch sizes larger holes, also, for bolting.

No. 2 is flange and set screw type, made of cast iron.

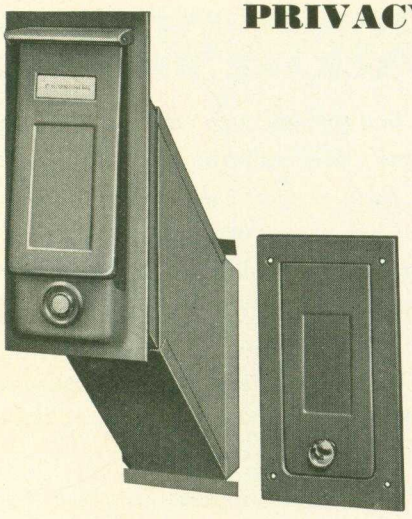


Drawing shows 5-inch steel cap with Donley clip for I beams, avoiding drilling beam.

WASH DAY CONVENIENCE WITHOUT MARRING BACK YARD

Donley Clothes Posts are so trim and inconspicuous that you never think of them excepting on wash days, when their rigid erectness is a boon to the laundry operations. They are made of reclaimed pipe, 2¾ inches in diameter and 9½ feet in length, with a cross cleat at the top for attaching the line. Donley Clothes Posts cost less than wooden posts and have every advantage of strength, neatness and resistance to weather and rough use. They may be planted in the ground, with or without concrete, the latter method being preferable. The ornamental top is of cast iron. You may order the post without cap, if you wish.

PRIVACY FOR HOUSEWIFE, SECURITY FOR MAIL THROUGH THE DONLEY MAIL RECEIVER



Many a housewife is a slave to deliveries, fearing to leave home on an errand, fearing even to remain in the privacy of her boudoir lest a ring or rap on the door will summon her. So far as mail is concerned, this difficulty is solved by the Donley Mail Receiver. Installed beside the front door, it enables the mail-man to make his delivery and be on his way regardless of the housewife's presence or absence. When she is ready, the mail is retrieved from another neat little door in the entry. No need to face chilling weather. No need to hurry.

At the left is shown the latest type of Donley Mail Receiver with vertical inlet door. The galvanized steel chute telescopes to fit any wall thickness. The substantial outer door and frame are of heavy pressed brass, with inner door of steel to match.

Donley Mail Receivers are made to last the full life of the building. If price alone were considered, they could be cheapened in many ways. The substantial outer door and frame offer complete weather resistance and never look shabby. Two added features are the push button for the door bell. This saves an extra installation and is a quality button in every way. Sufficient bell wire is attached to carry to a convenient point for the electrician. The card pocket of this receiver has a celluloid pane and is furnished with card for convenient identification. Or you can insert regular calling card.

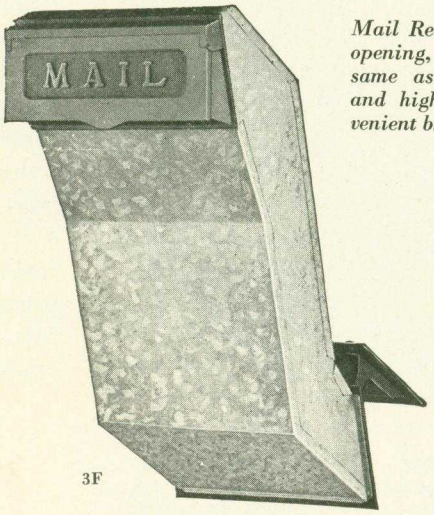
F indicates for Frame Construction; B for Brick

No.	For Wall Thickness	Mail Opening		Shipping Weight
		Width	Height	
*10-F	5″ to 9″	3″	6″	6 lbs.
*10-B	9″ to 14″	3″	6″	6 "
1-F	5″ to 9″	5″	2½″	6 "
1-B	9″ to 14″	5″	2½″	6 "
2-F	5″ to 9″	8¾″	2½″	8 "
2-B	9″ to 14″	8¾″	2½″	8½"
3-F	5″ to 9″	8¾″	2½″	10 "
3-B	9″ to 14″	8¾″	2½″	11 "

*No. 10-F and 10-B are complete with name-card holder and Electric Push-Button. On other numbers there is an extra cost for these attachments.

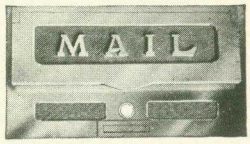
Horizontal Opening Chutes — For those who prefer a horizontal inlet, we offer three models shown at the right and described in the captions. With the No. 10 chute, shown above, they fulfill every need, both in frame and masonry construction.

Installation Methods are sufficiently indicated in diagrams below. Fig. 1 and Fig. 2 show box type chutes, in frame and in brick construction. No. 3 is an example of the method with any straight line chute. It is entirely practical to install the latter type in any old frame building.



3F

Mail Receiver No. 3F, box type. Mail opening, 8¾x2½ inches high. No. 3B, same as No. 3F, except longer body and higher outer door frame for convenient brick installation.



An outer door for No. 2B or No. 3B mail receiver containing electric push button and name card holder attachment. No. 1B is same height but narrower.

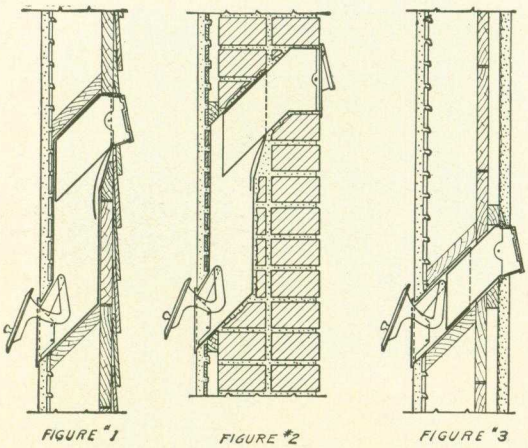
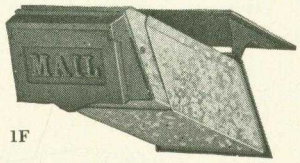


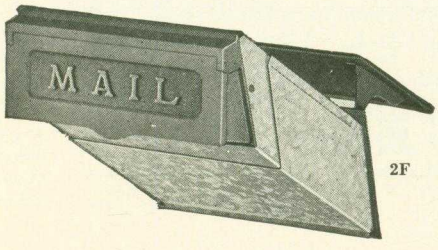
FIGURE #1 FIGURE #2 FIGURE #3

Showing Typical Mail Receiver Installation

Mail Receiver No. 1F, chute type, for narrow spaces. Mail opening 5 inches wide by 2½ inches high. No. 1B, same as No. 1F, except longer body and higher outer door frame for convenient brick installation.



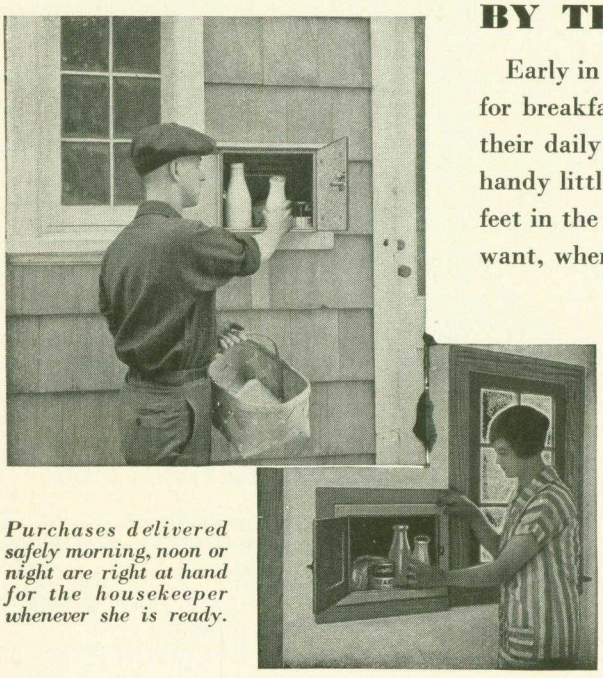
1F



2F

Mail Receiver No. 2F, chute type. Mail opening, 8¾ x 2½ inches high. No. 2B, same as No. 2F, except longer body and higher outer door frame for convenient brick installation.

SECURE DELIVERY WITHOUT INTRUSION BY THE DONLEY PACKAGE RECEIVER



Purchases delivered safely morning, noon or night are right at hand for the housekeeper whenever she is ready.

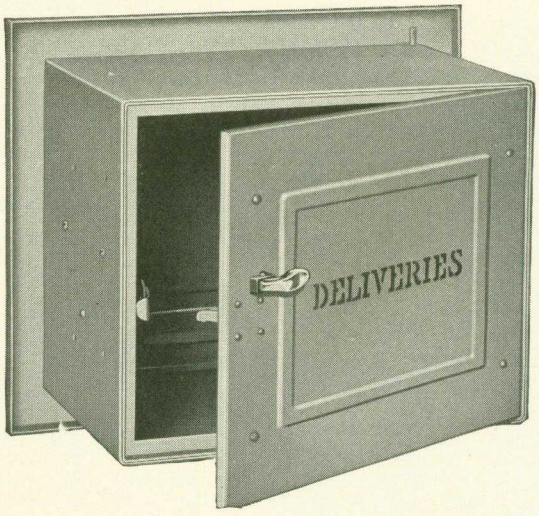
Early in the morning, you rise to find the milk safe and ready at hand for breakfast. Later, when the grocer's boy and the meat-man make their daily deliveries, you retrieve them at your convenience from the handy little door in the wall of the kitchen or rear entry. No muddy feet in the kitchen. No drafts. No slamming of doors — just what you want, where and when you want it.

That's what it means to have a Donley Package Receiver built into your home. With the Donley Receiver on guard you have no fear of doorstep thievery either by stray cats and dogs or stray humans.

Insulated, Ventilated — The temperature of the Donley Package Receiver is kept near to that of the interior of your home. An insulated outer door protects it from the cold of winter and the heat of summer. The inner door is ventilated as a further protection against freezing or undue warmth.

Locks Automatically — Closing the outer door on Nos. 1 and 2 locks them automatically — the lock being released, ready for another delivery, by the simple act of opening the inner door. At any desired time this lock can be rendered inoperative. This locking device is optional, being omitted from models 3 and 4. There are pull type catches of nickled brass on both doors.

Staunch, Attractive — The Donley Package Receiver is made of heavy gauge steel, welded at joints. Both doors are attractively paneled and the inner door is surrounded by frame. Outer door has no projecting frame behind which moisture might collect and cause rust. This construction permits recessing where desirable. Holes are provided for nailing. Hinges are concealed and automatic locking mechanism all inside for weather protection. Locks and catches are of brass or rust-proofed steel. The receiver fits between 16-inch studs, but can be used in any type of wall.

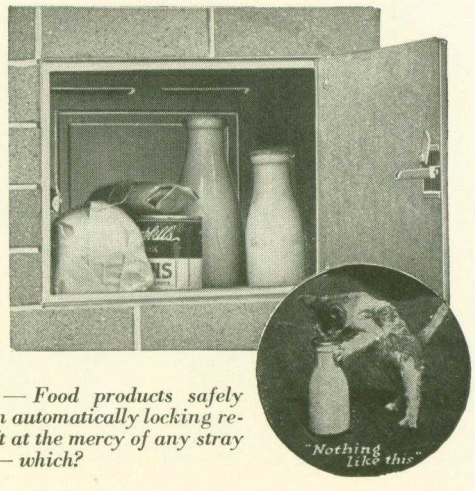


The Donley Package Receiver has the seal of approval from a great national research organization.

Package Receiver Dimensions

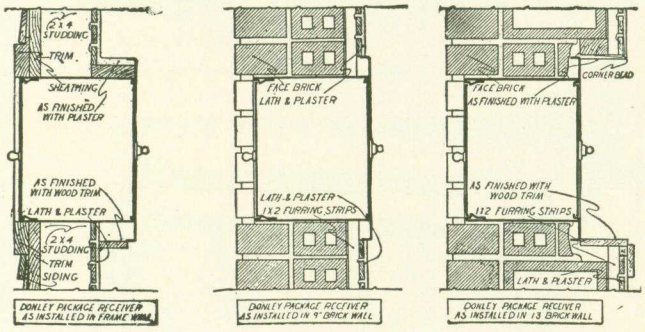
No.	Body		Over All Front to Back	Inside Frame	Facing Inside Door, With Hinge	Shipping Weight
	Width	Height				
1	13 7/8″	11 1/8″	9″	16 3/4″x14″	On Left	20 lbs.
2	13 7/8″	11 1/8″	9″	16 3/4″x14″	On Right	20 "
3	13 7/8″	11 1/8″	6″	16 3/4″x14″	Reversible	16 "
4	13 7/8″	11 1/8″	9″	16 3/4″x14″	Reversible	20 "

Note: Return flange on inside, 3/4″. Nos. 1 and 2 have automatic lock; Nos. 3 and 4 no automatic lock.



A contrast — Food products safely stowed in an automatically locking receiver or left at the mercy of any stray dog or cat — which?

INSTALLATION IN WALLS OF VARIOUS THICKNESS


2 x 4 STUDDING
TRIM
SHEATHING
AS FINISHED WITH PLASTER
AS FINISHED WITH WOOD TRIM
LATH & PLASTER
2 x 4 STUDDING
TRIM
SIDING
DONLEY PACKAGE RECEIVER AS INSTALLED IN FRAME WALL
FACE BRICK
LATH & PLASTER
LATH & PLASTER
1 X 2 FURRING STRIPS
DONLEY PACKAGE RECEIVER AS INSTALLED IN 9" BRICK WALL
CORNER BEAD
FACE BRICK AS FINISHED WITH PLASTER
AS FINISHED WITH WOOD TRIM
1 1/2 FURRING STRIPS
LATH & PLASTER
DONLEY PACKAGE RECEIVER AS INSTALLED IN 13 BRICK WALL

Installed in Frame Wall | *Installed in 9-inch Brick Wall* | *Installed in 13-inch Brick Wall*

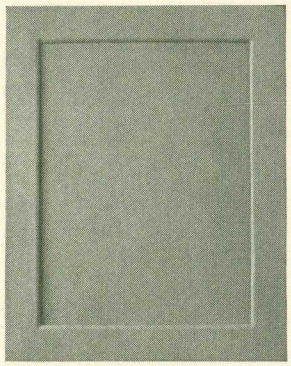
The flanged side of the receiver goes *inside* the building. Sectional drawing above suggests methods of installation in different types of wall construction, but will be varied to suit preference or local practice. Notice that in drawings, different practice with regard to trim are indicated at top and bottom.

For 13-inch Brick Wall — Recess about 1¼ inches from exterior face of brick. Interior can be finished with plaster (as at top) or with wood trim (as at bottom of drawing).

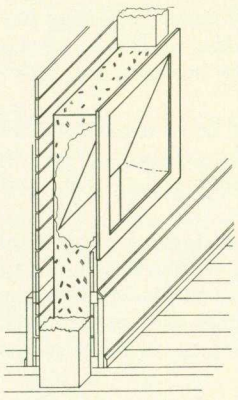
For 9-inch Brick Wall — Recess from exterior about the width of the furring, lath and plaster, bringing interior flush with plaster or projecting slightly into room.

For Frame Wall — Receiver exactly fits between 16-inch center studding. Be sure it is level and plumb, then nail or screw to studs through holes provided. Finish exterior with 1⅛-inch window trim and interior with plastered angle, as above, or make frame of interior wood trim, fit around flange and toe-nail into studding at sides, as indicated in bottom detail.

DONLEY LAUNDRY CHUTE DOORS



This inward opening, self-closing door is a marked convenience in connection with the vertical shafts built into many modern homes for the purpose of dropping soiled clothing directly from the bedroom floors directly to the basement laundry—usually with an additional inlet in the kitchen. Door and frame are a complete unit, easily installed with concealed nailing. It is inconspicuous, but always ready for use, the frame extending only ¼-inch outside the wall line. The frame has a wide, inward flange for attachment to the laundry chute, avoiding any sharp projecting edges which might catch the clothes. Finished ordinarily in a priming coat of gray paint, it is also available in a chromium plate finish.

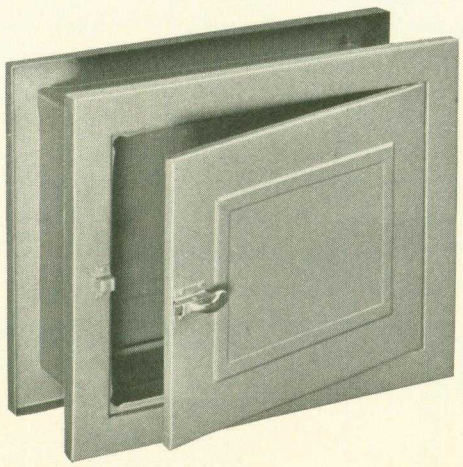


Packed one to a container.

Dimensions of Donley Laundry Chute Door

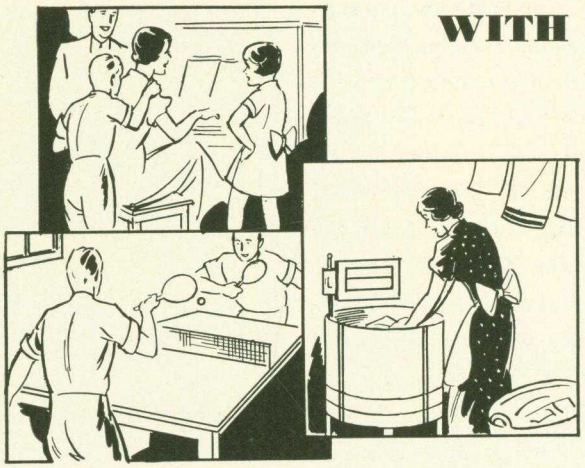
Size of Wall Opening		Size of Door Opening		Overall Size		Shipping Weight
Width	Height	Width	Height	Width	Height	
9″	12″	8⅛″	11″	11″	13⅞″	6 lbs.

APARTMENT HOUSE RECEIVER HAS TELESCOPING SIDE WALLS



This special type of Donley Apartment Receiver is designed for access through an inside corridor. Hence insulation is not a factor. Where access is from an exterior rear balcony, the regular Donley Receiver should be used. The special Apartment Receiver has a body made in two parts that telescope so as to fit varying wall thickness. However, they are frequently made to order to fit a particular thickness. Exterior body dimensions are 14¼ by 11¼ inches. There are attractive steel frames 1½ inches wide around both doors. They have pull type catches with nickeled brass handles. Installation is usually made after plastering. Preparation is made by installing a frame of ⅞-inch lumber in the wall opening, inserting the Receiver and nailing it in place by means of nail holes provided within the box. Donley Apartment Receivers are a marked convenience to tenants and installed in many well-equipped buildings.

MAKE YOUR BASEMENT A PART OF THE HOME WITH DONLEY BASEMENT WINDOWS



ONE of the newer triumphs of home building has been to add a story to the home without increasing the construction cost — just by making the basement a real part of the home.

And such a delightful part it can be — a place where hobbies rule, where formality is forgotten, where you can experiment in decoration, where guests feel your welcome is sincere.

For the young (of all ages) it may mean a recreation room, for the craftsman a workshop, for the musician a studio, for the convivial a buffet and card room. One or more of these can be enjoyed, with proper planning, as well as such practical necessities as heating plant, laundry and storage.

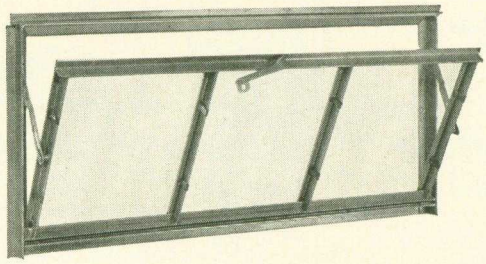
Need Light and Air — Among the first requisites are Donley Basement Windows — and plenty of them — for the needed light and air. This means that the window arrangement for your basement should be studied with view to your basement activities — not settled haphazard.

Two Types of Windows — You have the choice of top opening or bottom opening windows. The top opening type has the advantage that no ordinary intruder can enter them, even when open, since they are held in a slanted position by slotted side arms which can only be disengaged when the window is nearly closed. On the other hand, the sash can be removed only after side arm is disengaged and the sash brought down to a horizontal position.

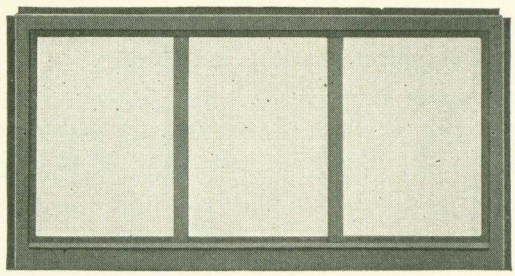
Sash Can Be Removed — It is easy to remove the sash of either type of window from the inside. In case of the top opening type, as described, this is done by disengaging the side arms while nearly closed and bringing the window to a horizontal position. In any other position, it cannot be removed. In the bottom opening type, the sash is tilted upward to a horizontal position and disengaging the flange from the hook-shaped hinge.

Convenient Re-Glazing — Not only does this let you bring bulky objects through the window, if necessary, but it is of the utmost convenience in replacing any lights of glass that get broken — as well as in the original glazing of the sash. This may be done with putty or other mastic compound, or by means of the Jiffy Clip, described in the next column. With this convenience, a broken pane is no longer the bugbear that it was when glazing had to be performed with the sash in place.

OFFERED IN TWO TYPES



TOP OPENING WINDOW
Glazed With or Without Putty

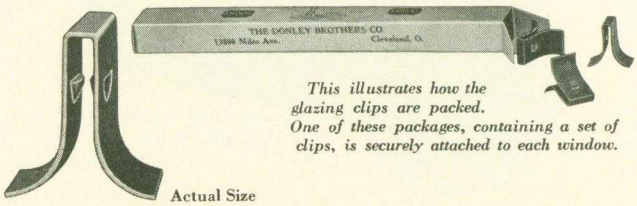


BOTTOM OPENING WINDOW
Glazed With or Without Putty

GLAZING WITH JIFFY CLIP

Put glass in place — *Take a jiffy clip* — *And just snap it on*

Figure 2, on the next page, shows a sectional view of the glass in place, held tightly against the cork bedding strip by the Jiffy Clip of spring steel. Replacing a pane by this method is so easy that the sash need not be removed; just insert the lower edge inside the flange at the bottom of the opening, then lay it to rest against the other three sides. The clip is sprung into place and held by grooves in the T-section that coincide with the projections in the clip. The clips, shown below, are of tempered spring steel and rust-proofed by the Parker process.



This illustrates how the glazing clips are packed. One of these packages, containing a set of clips, is securely attached to each window.

Actual Size

Figure 1 shows a section of the bottom of the frame and ventilator of the bottom-opening sash. Notice the overhanging ledge at the bottom of the ventilator that makes it impossible for rain to enter. A unique feature is the cork at the bottom edge of the glass.

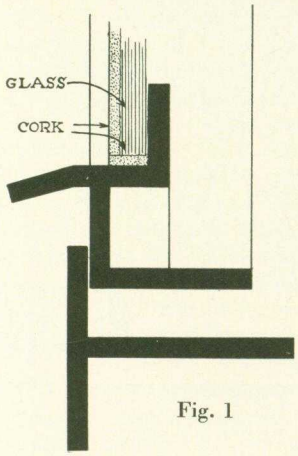


Fig. 1

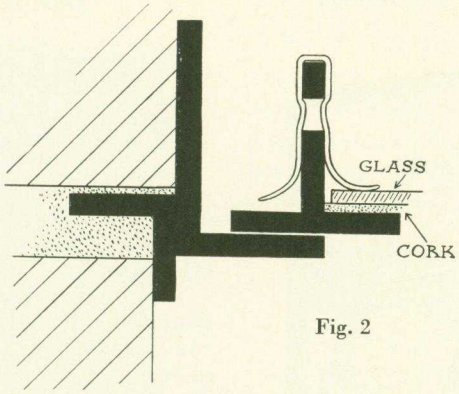


Fig. 2

Figure 3 illustrates a section through the bottom of the frame and ventilator of the top-opening sash and shows how the ventilator rocks on the curved member of the frame. Solid black indicates ventilator Hatched part indicates frame.

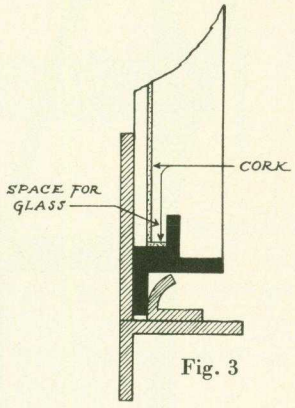


Fig. 3

The illustration (Figure 2) shows the method of wall anchorage in both Top and Bottom Hung Windows. In installing this sash the brick or other masonry works directly to one leg of the angle which is welded to the side of the sash frame. This leg completely covers the vertical mortar joint in which the projecting leg is securely imbedded, eliminating the labor of pointing, and improving the appearance of the window. Offset of angle at top makes for easy installation in masonry homes having steel angle lintels.

DESIGNED FOR EASY INSTALLATION AND SATISFACTORY SERVICE

Donley Basement Windows are substantially made, being fabricated by welding standard 1/8-inch thick, hot-rolled steel members. Much thought has been expended in designing a window that will meet all the conditions of easy installation, convenient use and maintenance, long service and unusual weather protection.

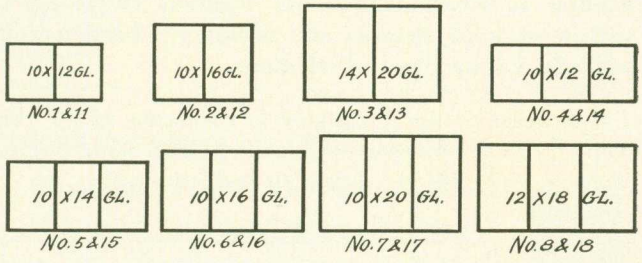
The outer frame is of double angle construction, as shown in Figure 2, with a projecting flange which anchors the frame firmly in the masonry, just back of the facing. The frame has sufficient breadth to meet both face and back-up masonry in close contact that renders pointing unnecessary.

The ventilating unit is of the interior glazed type The pane bears against an exterior flange on the top and two sides (separated by a cork strip) while at the bottom, the flange is on the interior and the cork acts as a bedding for the pane. This means that storm water is shed directly from the pane onto the steel apron. This apron protects the ventilator contact and prevents water from seeping into the building.

These windows are perfectly adapted to putty or mastic glazing, if preferred, but glazing with clips, as described, offers marked convenience. The cork strip between glass and flange provides secure weather protection and cushions the glass against strains.

WINDOW SIZES AND DIMENSIONS

Order by number in designating your choice of Donley Basement Windows. You should be guided by the size of opening, as listed. Note that the overall size is slightly larger, accounted for by the flange that anchors in the masonry joint. Diagrams at the right will be of assistance.



Bottom Opening Type

No.	Glass Size	Masonry Openings	Overall Dimensions	Ship. Wt.
1	2 light — 10″x12″	22¾″x15″	23¾″x15½″	14 lbs.
2	2 light — 10″x16″	22¾″x19″	23¾″x19½″	15 "
3	2 light — 14″x20″	30¾″x23″	31¾″x23½″	21 "
4	3 light — 10″x12″	33¼″x15″	34¼″x15½″	19 "
5	3 light — 10″x14″	33¼″x17″	34¼″x17½″	21 "
6	3 light — 10″x16″	33¼″x19″	34¼″x19½″	22 "
7	3 light — 10″x20″	33¼″x23″	34¼″x23½″	23 "
8	3 light — 12″x18″	39¼″x21″	40¼″x21½″	24 "

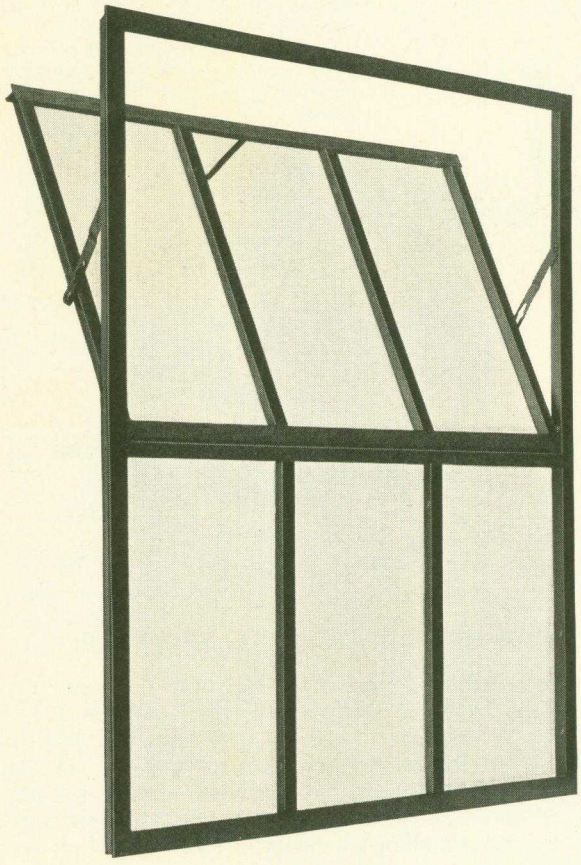
Top Opening Type

11	2 light — 10″x12″	22¾″x15″	23¾″x15½″	14 lbs.
12	2 light — 10″x16″	22¾″x19″	23¾″x19½″	15 "
13	2 light — 14″x20″	30¾″x23″	31¾″x23½″	21 "
14	3 light — 10″x12″	33¼″x15″	34¼″x15½″	19 "
15	3 light — 10″x14″	33¼″x17″	34¼″x17½″	21 "
16	3 light — 10″x16″	33¼″x19″	34¼″x19½″	22 "
17	3 light — 10″x20″	33¼″x23″	34¼″x23½″	23 "
18	3 light — 12″x18″	39¼″x21″	40¼″x21½″	24 "

GLASS IN STANDARD SIZES

Donley Basement Windows are furnished unglazed, but glass is obtainable in box lots or less, in the six standard sizes used in these windows. The table shows the standard numbers regularly packed in box lots.

Glass Size	Shipping Weight, Per Box	Pieces Per Box
10″x12″	73 lbs.	60
10″x14″	74 "	51
10″x16″	71 "	45
10″x20″	69 "	36
12″x18″	69 "	33
14″x20″	78 "	26



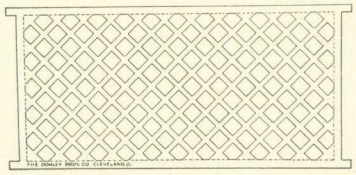
DONLEY UTILITY WINDOWS

These windows have wide usefulness in garages, shops or other locations where a spacious, substantial window is needed, which will transmit ample light, withstand wind stresses and ordinary vibration and will afford convenient ventilation.

Operation of the ventilator is the same as for the Top-Opening basement window. Glazed with putty. Wire glazing clips are sent with each window.

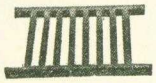
Order by Number	Number Lights	Nominal Glass Size	Overall Dimensions
21	6	10x16″	32½x35½″
22	6	12x20″	38½x43½″

DONLEY VENTILATORS

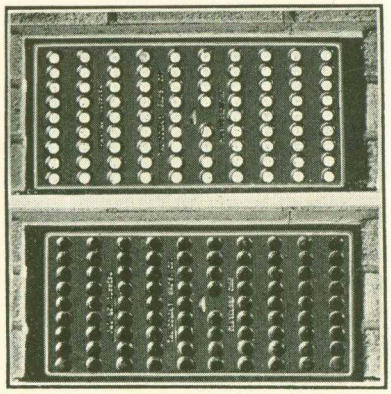


Dry rot, a fungus disease of timber, develops in dark places that lack sufficient ventilation. Donley Ventilators provide access of fresh air under porches, under homes without basements, in attics or closed lofts, vegetable cellars, soffit spaces and elsewhere.

Donley Ventilators are made in types that remain continuously open and also in adjustable types that can be partly or wholly closed. Open types are made in two styles, the bar type and the diagonal grid type. The bar type has vertical bars $\frac{11}{16}$ of an inch apart. The diagonal type has $\frac{11}{16}$-inch square openings. On special order, bronze screen is furnished, wired to back of ventilator with copper wire.

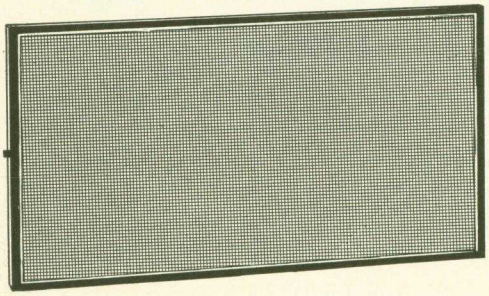


No.	Bar Type		No.	Diagonal Type		Shipping Weight, Per Dozen Both Types
	Wall Width	Opening Height		Wall Width	Opening Height	
1	8″	4″	20	4″	8″	22 lbs.
2	8″	6″	21	6″	8″	30 “
3	12″	6″	----	----	----	45 “
4	8″	8″	22	8″	8″	36 “
5	12″	8″	23	12″	8″	52 “
6	16″	8″	24	16″	8″	60 “
7	12″	10″	25	12″	10″	55 “
8	16″	10″	26	16″	10″	100 “
9	12″	12″	27	12″	12″	118 “
10	18″	12″	28	18″	12″	134 “
11	24″	12″	29	24″	12″	178 “

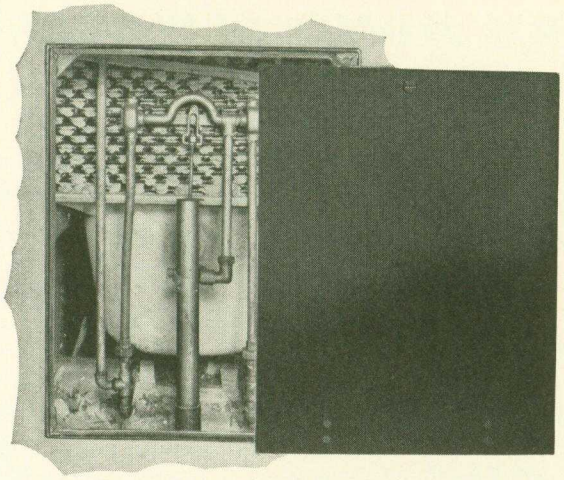


The Adjustable Ventilator is available in one size, 16 inches wide by 8 inches high, in either cast iron or cast bronze. It is made of two pieces fastened together with brass connections. One part has anchoring lugs holding it firmly in the wall. The other part is movable. A push to right or left adjusts openings as desired. This ventilator is also furnished with small mesh bronze screen at slight additional cost. Patented. Shipping weight, 12 pounds.

THESE SCREENS FOR DONLEY BASEMENT WINDOWS ARE EASILY INSTALLED



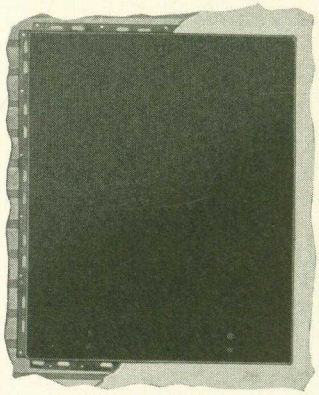
No trouble with flies when you introduce fresh air in your basement, via the Donley Basement Window. Close mesh bronze wire screens with metal frames are available to fit any size of window listed. The installation is simplicity itself. Screen complete and ready to install—no drilling or fitting necessary. It is only necessary to insert two screws and the screen is securely fastened in place. The screws are on inside of frame, where intruder cannot use them.



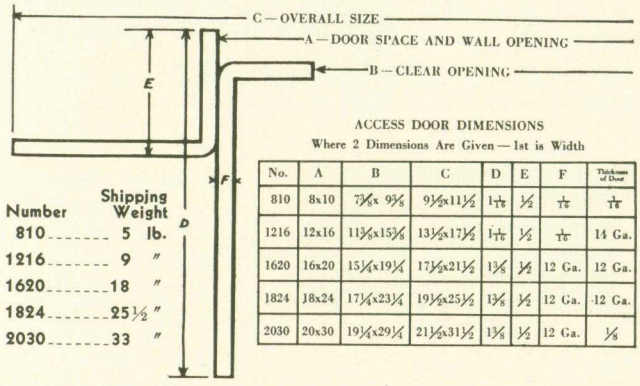
REACH CONCEALED SPACES VIA DONLEY ACCESS DOORS

These doors save the need of tearing out plaster in reaching hidden plumbing, wiring or steam pipes. Absolutely flush with the wall, they may be caulked and painted or papered, remaining untouched for a long time, but when repairs are necessary, they come out easily, giving a chance to work on mechanism within.

The unit consists of a frame and door. The former is made from two welded angles, as shown below, its outer edge perforated for plaster key and easy nailing. The door is held in place by two lugs at the bottom and by interior button catch at top. This catch is actuated by inserting screw driver in slot and turning. Door falls outward at top and is easily lifted from lower lug engagement, leaving clear opening for workman. Door is made from steel of furniture quality and will hold its shape. Both outer and inner flanges of frame have holes for nailing. The door is finished in a gray priming coat. See drawing and table of dimensions below.



Made in 5 sizes. Order by number



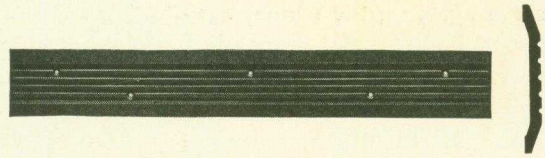
Number	Shipping Weight
810	5 lb.
1216	9 "
1620	18 "
1824	25½ "
2030	33 "

ACCESS DOOR DIMENSIONS
Where 2 Dimensions Are Given — 1st is Width

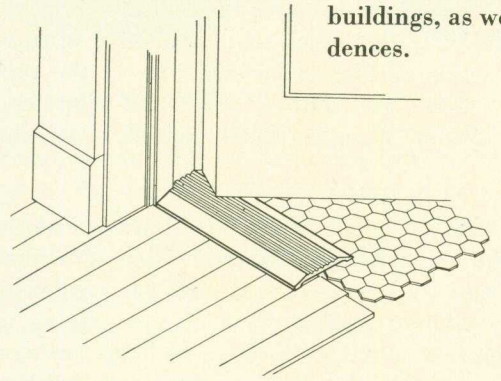
No.	A	B	C	D	E	F	Thickness of Door
810	8x10	7⅞x 9⅜	9⅛x11½	1⅛	½	⅛	⅛
1216	12x16	11¾x15⅜	13⅛x17½	1⅛	½	⅛	14 Ga.
1620	16x20	15¼x19¼	17⅛x21½	1⅜	½	12 Ga.	12 Ga.
1824	18x24	17¼x23¼	19⅛x25½	1⅜	½	12 Ga.	12 Ga.
2030	20x30	19¼x29¼	21⅛x31½	1⅜	½	12 Ga.	⅛

DONLEY METAL THRESHOLDS

When thresholds of wood or masonry wear away under concentrated foot traffic, the result is a drafty, unsightly doorway. Donley Metal Threshholds of cast iron, extruded brass or aluminum, defy wear for long periods and assure a close-fitting door bottom.



The drawing below shows the simplicity of the installation and suggests how Donley Thresholds make a neat, attractive joint, with minimum labor, where contrasting materials meet. These Thresholds are especially useful in schools, public and commercial buildings, as well as residences.



Material	Width	Vertical Height	Shipping Weight Per Foot	Length Up To
Cast Iron.....	3½"	½"	3.4 lbs.	10 feet
Cast Iron.....	4½"	½"	4 "	10 "
Extruded Brass	4"	½"	3 "	16 "
Aluminum.....	4"	½"	2¼ "	12 "

DONLEY METAL BUILDING CORNERS

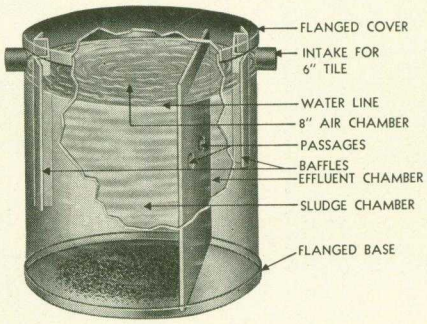
Carpenter's time in applying siding is greatly economized by these galvanized iron aids. They save the use of corner boards, with the extreme accuracy needed in fitting siding to them. Nor is it necessary to mitre the siding. It may be sawed square and the metal corner will furnish a neat, uniform joint. Made in sizes for various widths of siding, they come packed 250 in a carton.

For Siding	Size Over All	Weight per 100
6x½"	5"	10
8x½"	7"	15
8x¾"	7"	16
10x½"	9"	18
10x¾"	9"	20

DONLEY SEPTIC TANKS FOR HOME SEWERAGE

A Sanitary System for Country Homes, Cottages, Camps

FOR homes not reached by public sewer systems, the Donley Septic Tank offers a safe, economical and convenient means for the disposal of sanitary wastes. Complete and fully assembled, ready to install — it does its work out of sight, beneath the soil; being free from offensive odors, needing no chemicals — no attention for long periods.



Outside toilets and old-fashioned cess-pools are positive menaces to health. The Donley Septic Tank, on the other hand, destroys offensive solids by action of bacteria which form in the tank. After reduction, the sewage passes off harmlessly through a system of underground tile and is absorbed in the soil.

Construction — Donley Septic Tanks are constructed of 14-gauge steel, heavily coated with hot asphalt, 99¼ per cent pure, for efficient rust prevention. All joints are securely welded. Six-inch connections are provided for inlet and outlet pipes, which any mechanic can readily adapt to the size pipe employed. A heavy, flanged lid is provided.

The interior is designed in accordance with the latest, approved principles, developed by sanitary engineers.

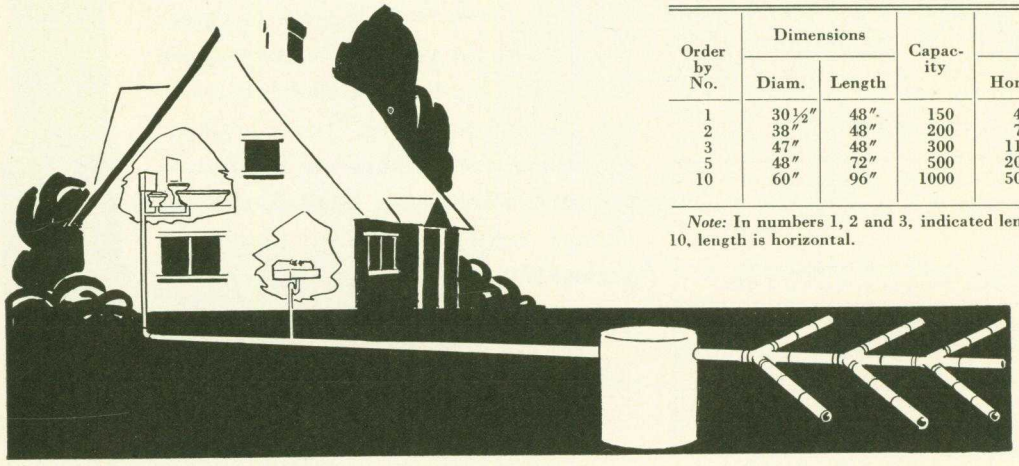
How it Operates — The inflow from the house sewer is directed downward in the effluant chamber, where the solids are dissolved. Thence it passes into the larger sludge chamber, where the bacterial action largely takes place. The heavier solids, mineral matter, etc., settles at the bottom. Offensive ingredients are converted into gases or liquids. Since the presence of air is necessary to this process, the 8-inch air chamber, at the top, is important. The "digested" sewage passes beneath a baffle to the outlet communicating with a distribution system of tile, open at the joints.

A Government Bulletin on Sewage and Sewerage of Farm Homes says, "A tight, underground septic tank, with shallow distribution of the effluant in porous soil generally is the safest and least troublesome method of treating sewage on the farm, while at the same time, more or less of the irrigating and manurial value of the sewage may be realized."

The Distribution System is designed to spread the effluant through the soil in a sufficient area to avoid clogging. It should be located under sloping ground. A garden makes an excellent location, since plants will benefit by irrigation, but avoid the vicinity of well or spring. (d) The house sewer should be of tightly joined sewer pipe. (e) Outlet pipe should also be of tightly joined sewer pipe for several feet, or until area of distribution is reached. (f) Distribution pipe may be sewer pipe open at joints, or less expensive drain tile. (g) There should be 40 feet of distribution tile per person, for sandy, porous soil — more for impervious soil. (h) Enlarging trench and filling partly with cinders, also placing tar paper over joints, helps to prevent clogging. (i) Locate tank with view to excavating, removing top and cleaning out sludge at one to five year intervals. Made in five sizes —

Order by No.	Dimensions		Capacity	Number Persons			Shipping Weight
	Diam.	Length		Home	Factory	School	
1	30½″	48″	150	4	6	7	175 lbs.
2	38″	48″	200	7	10	13	222 "
3	47″	48″	300	11	15	20	300 "
5	48″	72″	500	20	30	35	400 "
10	60″	96″	1000	50	60	60	900 "

Note: In numbers 1, 2 and 3, indicated length means height. In numbers 5 and 10, length is horizontal.



Above is shown general layout of sanitary system for rural home, illustrating relation of parts, but not to be taken as an exact guide. Dimensions, etc. are furnished in instructions with tank.

Distribution system may take any of several forms, is usually larger than indicated and may be located at a greater distance from tank than indicated in drawing.

MAKE THE BACK YARD A PLACE TO LIVE, USE THE DONLEY GARBAGE RECEIVER

BEAUTIFICATION of back yards and their general use as summer breathing spots for family and friends has created a need for this better garbage container and the banishment of the old, unsightly, odorous garbage can. Consider a few of the advantages of the Donley Garbage Receiver in contrast with the can.

(1) It is hidden from sight, underground, only the inconspicuous grass green top being visible in the lawn or cemented area. (2) It is protected from frost. This means, (3) No destructive hammering of the container in freeing frozen contents. (4) It is opened by a foot lever, so the cook can have both hands occupied while emptying pans into the container. (5) Dogs cannot roll it from the steps and spill the garbage. (6) Its tight lid minimizes the odors that attract dogs and cats.

Donley Garbage Receivers are the product of 18 years' experience in the manufacture of garbage receivers. They are of two piece construction — outer shell and inner pail. The outer shell is made of 16-gauge copper alloy steel, strengthened by corrugations at the top and bottom. The bottom is open to permit drainage and is stiffened by galvanized cross rods, on which the pail rests. It is heavily painted with asphaltic paint.

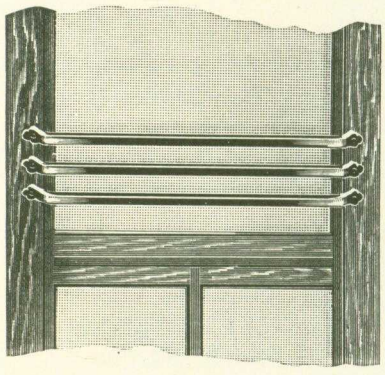
The container, or pail, is made of copper alloy steel, galvanized after fabrication, which means that it is protected at every crevice. There is ample clearance for lifting out the pail when it is to be emptied. A slight taper makes it easier to take out and put back.

The top is made of steel to insure long life and the greatest strength with the least weight. When opening

lid by foot pressure, to empty garbage, the lighter weight of this steel service lid is appreciated. The edge of the service lid is machined for close fit to the larger cover. The large, convenient opening is 11 inches in diameter. The larger cover, which is hinged to the outer shell, is raised only when the pail is removed.

Endorsed by the Good Housekeeping Institute, these receivers are made to give satisfaction for years.

No.	Cap. Gal.	Size of Pail		Dia. of Top	Overall Height	Shipping Weight
		Dia.	Height			
109	9	15″	16″	17″	19″	37½ lbs.
112	12	15¾″	18″	17″	22″	42½ "
115	15	15¾″	23″	17″	26″	47 "
121	21	16¾″	25⅝″	18″	28½″	70 "



USE DONLEY SCREEN DOOR GUARDS AND SAVE SCREENING FROM BREAKS

Door Screening is easily dented and broken when careless people thrust hands, elbows or feet against it, or when children bump into screen doors in play. Donley Screen Door Guards provide protection at critical points. They are made of strong channel-shaped bars, three bars to a set. They are finished in black enamel. Screws come with each set.

Inexpensive, they last for years.

Guards are normally placed on the inside of the door. One set near the middle saves door from careless hand thrusts of adults. A second set below protects against children or knee action of their elders. Beside protecting the screen, these Guards strengthen the door frame and make it last longer.

Size Center to Center of Screw Holes	Overall Length	For Door Width
26″	26¾″	2′ 4″ and 2′ 6″
28″	28¾″	2′ 8″ and 2′10″
30″	30¾″	2′10″ and 3′
32″	32¾″	3′ and 3′ 2″
36″	36¾″	3′ 6″

Wrapped in sets of three with screws. One dozen sets in carton.

THE DONLEY BROS. CO.

DONLEY ASBESTOS FIBER ROOF COATING

Roofs of homes, garages, industrial or commercial buildings, schools, public buildings, etc., whether of the "built up" or the tar and gravel type, are subject to a continuous process of deterioration from the action of the elements. Constant vigilance and the timely use of Donley Asbestos Fiber Roof Coating are the measures which will keep your roof intact, waterproof and serviceable for long periods.

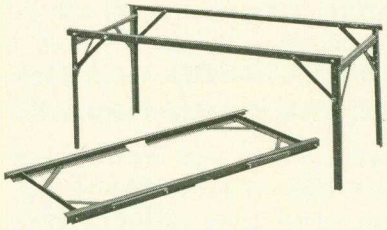
Donley Asbestos Fiber Roof Coating is a blend of high grade, selected asphalts, compounded with specially treated oils that retain their life for long periods, and heavily reinforced with long fiber asbestos. It softens and preserves the fabric, restores flexibility, protects the nail heads, flashings and other metal features of the roof from rust and disintegration. In fact it makes an excellent protection for metal roofs. Ordinarily one application suffices. But roof should be inspected at the end of 24 hours and where a "dull" spot in a fabric or paper roof indicates greater porosity, a second application over such areas is desirable.

Donley Asbestos Fiber Roof Coating is regularly shipped in 5-gallon cans with easily removable covers. It is also available in 35-gallon drums, 55-gallon drums and gallon cans. The shipping weight is 10 pounds per gallon.

DONLEY WATERPROOFING SUPERIOR BRUSH COATING

This highly penetrative and lasting bituminous coat affords unusual protection wherever used for dampproofing and waterproofing purposes. It is especially recommended for exterior of foundation walls below grade. It is ready prepared to apply cold. Average covering capacity per gallon is 75 square feet for one coat, 50 square feet for two coats. Shipped in 5-gallon cans with bails and easily removable cover. Shipping weight, approximately nine pounds per gallon. Available also in half-barrels, barrels and 1-gallon cans.

DONLEY LAUNDRY TUB FRAMES



These sanitary steel frames afford rigid support for laundry tubs, or trays, of cement or stone. They are made to fold flat for shipment or storage and only four bolts are used in setting up. Finished in black enamel, all frames are 18 inches high. When not otherwise specified frame is furnished 15-inch width, although 17-inch width for stone tubs is available.

Standard Sizes

Size Tray	Length of Frame	Shipping Weight
2-part	40″	13 lbs.
3-part	64″	17 "

Other Sizes

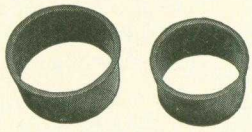
1-part	24″ long	11 lbs.
54″ 2-part	46″ long	14 "
60″ 2-part	52″ long	16 "

DONLEY FIBRATED ROOF CEMENT

This trowel application can be used for stopping leaks in almost any type of roof, including slate or shingle roofs on residences. Should be regularly used around seams, flashings and obvious breaks in the roof fabric as a preliminary to brushing on Donley Asbestos Fiber Roof Coating. Its ingredients are similar to the Roof Coating, but of paste consistency.

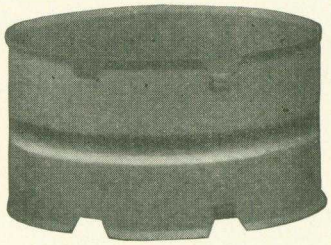
Donley Fibrated Roof Cement is supplied in black only, in 5-pound, 10-pound and 50-pound cans and in steel drums of approximately 550 to 600 pounds. Valuable for emergency use in stopping leaks, it should be at the command of every maintenance manager.

DONLEY CAST IRON FLUE THIMBLES



These Thimbles, made in eight sizes, afford substantial, permanently formed inlets for the insertion of stove pipes in masonry chimneys. Cast iron flue thimbles come in approximately 3-inch depths and the following inside diameters.

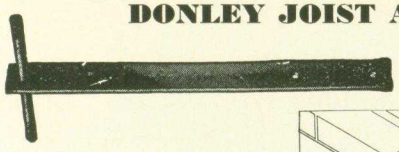
Diameter in inches . . .	4	5	6	7	8	9	10	12
Weight, per dozen	20	22	24	28	45	66	72	120

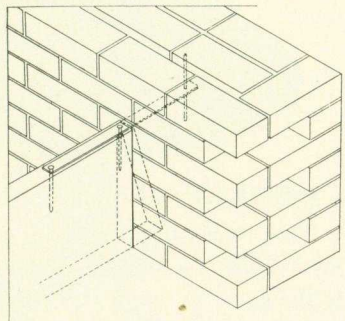


DONLEY ADJUSTABLE GALVANIZED IRON FLUE THIMBLE

With these flue thimbles in stock a dealer can supply economically the need for six, seven or eight-inch flue thimbles, since its flexibility permits by-passing the edges. They have a depth of four inches. The shipping weight, per dozen, is eight pounds.

DONLEY JOIST ANCHORS

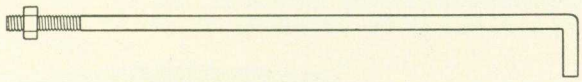


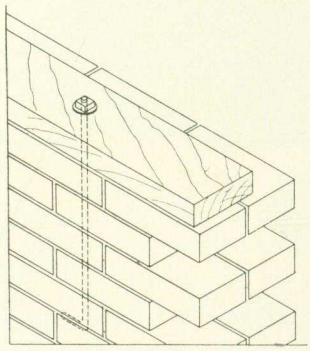


Donley Joist Anchors are important factors in the safety of building, giving secure anchorage for joists that are supported by brick walls. Nailed to the top of the joist and embedded in the masonry, with vertical cross rod, they supply rigidity where strain is greatest.

Flat Bar	Pins	Shipping Weight Per 100 Pieces
1 x $\frac{3}{16}$x14″	6x$\frac{5}{16}$″	90 lbs.
1 x $\frac{3}{16}$x18″	6x$\frac{5}{16}$″	120 "
1$\frac{1}{2}$x$\frac{1}{4}$x18″	6x$\frac{1}{2}$″	205 "

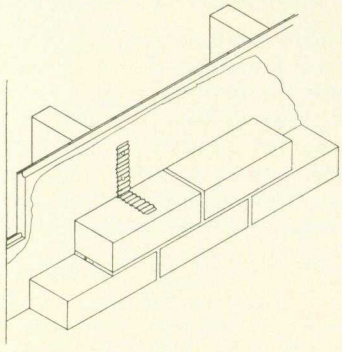
DONLEY WALL PLATE ANCHORS



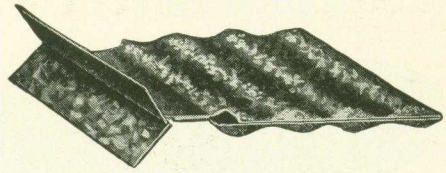


Secure anchorage of sill to foundation and roof plate to brick wall is an important wind safeguard. Donley Wall Plate Anchors are made from half-inch rod 18 inches long, with 2-inch angle at one end and with 2-inch thread at other. Furnished with nut and washer. Shipping weight, 120 pounds per hundred.

DONLEY WALL TIES

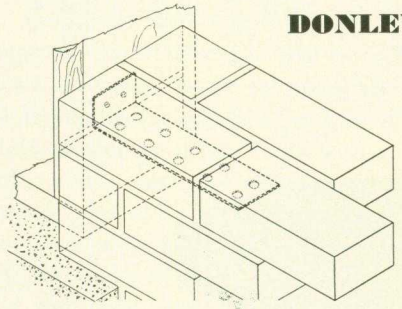


Either for tying face masonry to backup wall, or securing veneer to wood backing, these Donley Wall Ties give a large factor of stability to the structure. Made of deeply corrugated, heavily galvanized steel, $\frac{3}{4}$-inch wide and 7 inches long, with holes in one end so they may be nailed to wooden wall in attaching veneer. Shipping weight, 40 pounds per hundred.



DONLEY WALL PLUGS

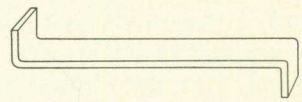
Donley Wall Plugs serve conveniently and effectively wherever wooden members must be nailed to a masonry wall. They are the standard method of attaching wood furring to support lath or wall board. Also used in application of woodwork, wainscoting, etc. Deeply corrugated and heavily galvanized, they afford a sure grip on the nail and resist corrosion. Beveled ends of corrugations exclude mortar and make sure that plug is not spread so as to decrease effectiveness. Shipping weight, 100 pounds per thousand.



DONLEY DOOR BUCK ANCHORS

The secure anchoring of jambs or of rough door bucks to masonry walls is easily accomplished by means of these Donley Door Buck Anchors, as illustrated in the perspective shown here. They are made of 2 x $\frac{1}{16}$-inch flat steel, 12 inches long, with a 2-inch turned up end perforated for nailing. Larger perforations in the horizontal arm engage the mortar in the joint. They should be spaced two feet apart. Shipping weight, 40 pounds per hundred.

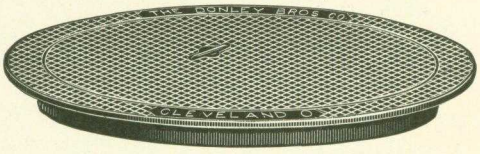
DONLEY STONE ANCHORS



These anchors afford an especially effective means of attaching stone to a backup wall. They are made of flat steel, $\frac{3}{16}$ x 1-inch, with reversed offsets at the two ends. Sizes shown in the table are regularly furnished hot galvanized. Other sizes on special order.

Number	Length One End	Length Other End	Overall Length	Weight Per 100
536	1$\frac{3}{8}$″	$\frac{7}{8}$″	6$\frac{5}{16}$″	50 lbs.
538	1$\frac{3}{8}$″	$\frac{7}{8}$″	8$\frac{5}{16}$″	62 "
5310	1$\frac{3}{8}$″	$\frac{7}{8}$″	10$\frac{5}{16}$″	72 "
5312	1$\frac{3}{8}$″	$\frac{7}{8}$″	12$\frac{5}{16}$″	82 "

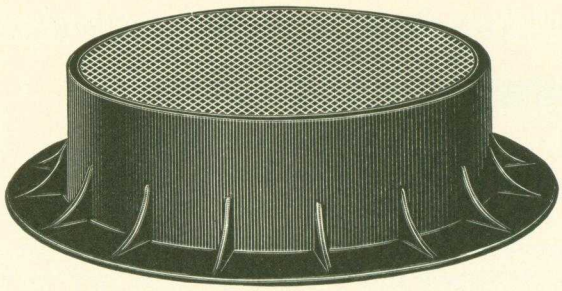
THE DONLEY MANHOLE COVER



This substantial cast iron frame and cover fulfill the major public and private needs, such as sidewalk inlets, coal holes, meter pits, septic tanks, cistern tops and cesspool covers. Drop handle leaves the top flush when not in use. Locking device, released only from below, is furnished as an extra on the 18, 24 and 30-inch covers. Safe load at center, 2,000 pounds stationary, 1,000 pounds impact.

No.	Cover Descrip.	Cover Diam.	Frame Diam.	Frame Depth	Shipping Weight
1	Solid	*12″	16⅜″	2″	30 lbs.
2	"	18″	23″	2″	62 "
3	"	20″	24¼″	2⅛″	77 "
4	"	22″	26½″	2¼″	100 "
5	"	24″	28¾″	2½″	115 "
6	"	30″	35″	2¾″	190 "

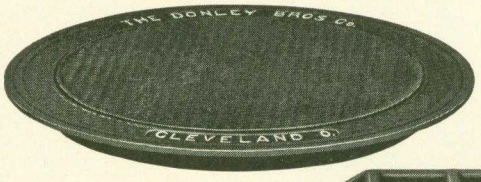
*Without drop handle.

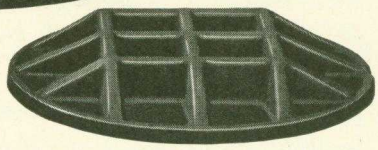


DONLEY STREET MANHOLE COVER

This cover has the deep frame that brings it to a level with the surface of the pavement. Otherwise it is the same as the Extra Strong Manhole Cover, illustrated on this page. It is adapted for all openings in pavements, leading to sewers, conduits, etc. Provided either with strainer cover, or with solid cover with safety corrugations. Safe loads, 8,000 pounds stationary, 4,000 pounds impact.

No.	Cover Description	Cover Diam.	Frame Diam.	Frame Depth	Shipping Weight
31	Solid	24″	33⅝″	8″	306 lbs.
32	Strainer	24″	33⅝″	8″	288 "
36	Solid	36″	44″	9¾″	630 "



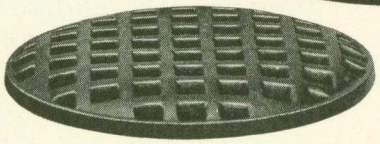


DONLEY EXTRA STRONG MANHOLE COVERS AND FRAMES

The bottom-side view of this staunch cover shows its heavy, ribbed construction and reveals why this cover commands confidence wherever stresses are unusual. It withstands a stationary center load of 8,000 pounds and an impact load of 4,000 pounds. It is also offered with the strainer cover shown at the right. This cover is without the drop handle on the regular cover, but has a recess for a pinch bar.

No.	Cover Description	Cover Diameter	Frame Diameter	Shipping Weight
21	Strainer	12″	16⅜″	45 lbs.
22	Solid	18″	23″	88 "
23	Strainer	18″	23″	88 "
28	Solid	24″	28¾″	175 "
29	Strainer	24″	28¾″	175 "
35	Solid	30″	38½″	425 "

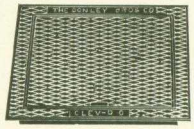
No. 22, 28 and 35 can be supplied with locking device.



DONLEY STRAINER COVERS

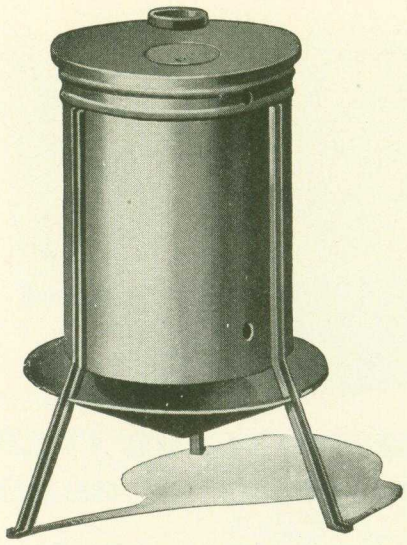
These extra strong strainer covers are offered as alternatives to solid covers on the 12, 18 and 24-inch sizes of the Extra Strong assembly and as an alternative to the 24-inch size of the Street Cover assembly. The view of the reverse side with its inverted dome-shape clearly indicates the strength, withstanding stationary loads of 8,000 pounds and impact loads of 4,000 pounds.

DONLEY SQUARE COVERS & FRAMES



In its smallest size, this cover serves for hand holes to give access to meters, traps, valves and connections. Larger sizes have general utility for any manhole purpose, where square shape is an advantage and where not exposed to heavy traffic. Made in three sizes.

No.	Cover Size	Frame Size	Frame Depth	Weight
10	12″x12″	15″ x15″	1¾″	30 lbs.
12	18″x18″	22½″x22½″	2½″	70 "
14	24″x24″	29¼″x29¼″	2¾″	126 "



LENGTHEN THE BUILDING SEASON WITH DONLEY SALAMANDERS

These substantial, low cost, portable heaters add months to the season of profitable building, maintaining proper setting temperatures for plaster and concrete and warming numbed fingers even on the highest scaffold. They are also in general use as stoves in construction offices and in temporary living quarters of construction labor.

Donley Salamanders burn any fuel, but coke is recommended as being less hazardous because it makes little flame. These salamanders are built with grates that stay in place, with sides that do not cave when hot, being stiffened by heavy reinforcing strips up the sides and a corrugation near the top.

As shown in the table, tops and ash pans are optional, to fit requirements of the job. Tops are equipped with 6-inch flue connection and with stove lid. All parts are standardized and quickly available. Tops, grates and ashpans of Nos. 118 and 218 are interchangeable. Contractors who make Donley Salamanders standard equipment realize the economy and efficiency of being able, at all times, to re-equip with desired parts or to change parts in existing equipment.

Supplied in Three Sizes and Four Assemblies

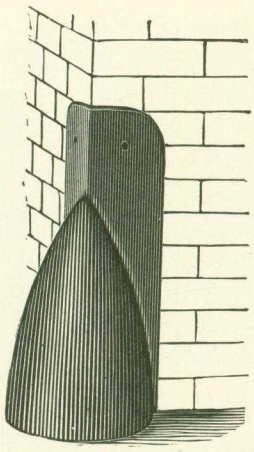
Assemblies	No. 118	No. 218	No. 115	No. 112
With grate	55 lbs.	40 lbs.	35 lbs.	20 lbs.
With grate and top	70 "	55 "	.....	.....
With grate and ash pan	60 "	45 "	38 lbs.	22 lbs.
With grate top and ash pan	75 "	60 "	.....	.....
Dimensions: Gauge metal	No. 14	No. 18	No. 16	No. 18
Total height	36"	36"	26"	23"
Height shell	24"	24"	18"	15"
Diameter shell	18"	18"	15"	12"

No. 118 — Salamander is built for long and severe usage.

No. 218 — Salamander is designed and built for temporary or less severe use.

No. 115 — Salamander is made for use on scaffolds or out of the way places where lightness counts.

No. 112 — Small Salamander, weighs only 20 pounds and stands but 23 inches high, consequently is ideal where extreme lightness and convenience in a salamander are necessary.

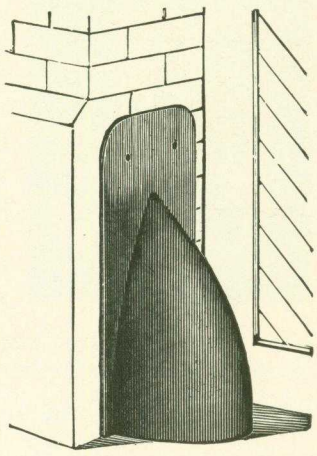


DONLEY CORNER WHEEL GUARDS

Where driveways adjoin buildings these Donley Corner Wheel Guards offer an indispensable protection by maintaining proper clearance between passing vehicles and the building. Made of cast iron, they are heavy enough to deflect any wheel and prevent damage by hub. They are bolted to the corner by two ½ x 8-inch bolts, provided with each guard. Made in three sizes, 22, 30 and 60 inches in height (see measurements below). Sixty-inch type protects against projecting truck bodies or loads. Shipping weights, 50, 85 and 200 pounds, respectively.

DONLEY JAMB WHEEL GUARDS

Similar to the Corner Wheel Guard, this guard bolts against the flat surface of a door jamb, giving protective clearance in the entrance and exit of vehicles. It is indispensable in public garages, service stations, warehouses and terminals — as well as a valuable adjunct in private garages where jamb and door construction permits. It does not diminish the effective width of the door, but protects both the vehicle and the doorway, deflecting the wheel without injury to tire or hub. Its height is 22 inches and its projection 8½ inches. Shipping weight 40 pounds. Attached to jamb by two ½ x 8-inch bolts, furnished with each guard.



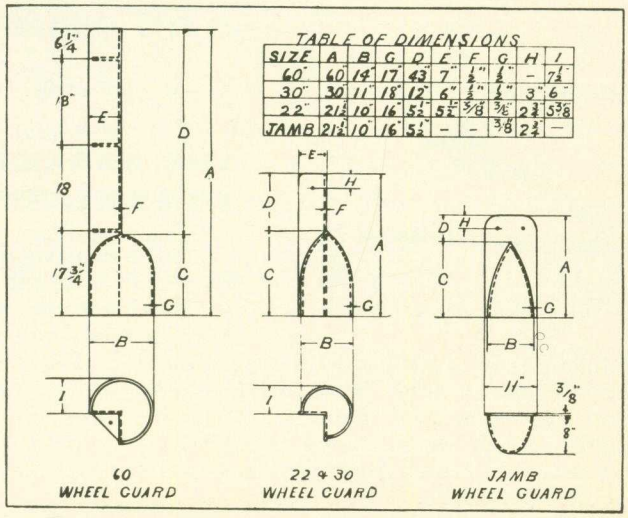
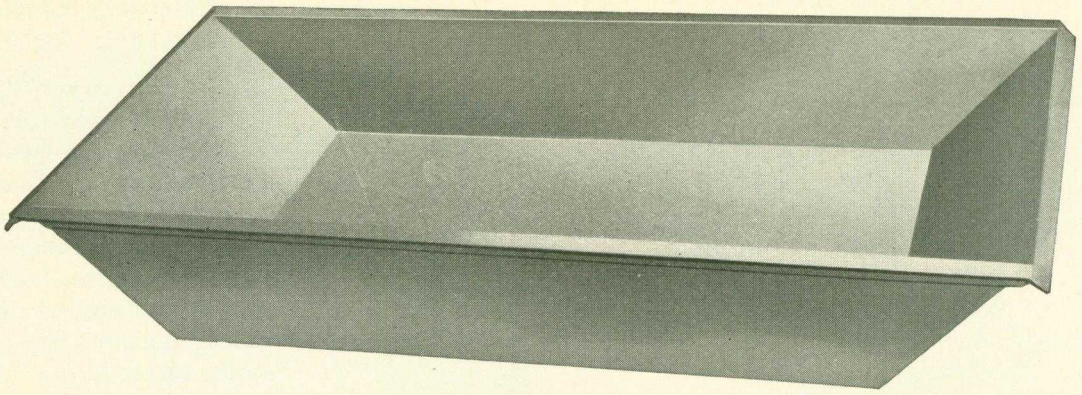


TABLE OF DIMENSIONS
SIZE A B C D E F G H I
60" 60 14" 17" 43" 7" ½" ½" - 7½"
30" 30 11" 18" 12" 6" ½" ½" 3" 6"
22" 21½ 10" 16" 5½" 5½" ⅜" ⅜" 2¾" 5⅜"
JAMB 21½ 10" 16" 5½" - - ⅜" 2¾" -
60 WHEEL GUARD
22 & 30 WHEEL GUARD
JAMB WHEEL GUARD



EQUIP FOR WARM WEATHER BUILDING, OR COLD, WITH STAUNCH, DONLEY STEEL MORTAR BOXES

THESE heavy 14-gauge steel mortar boxes offer decided advantages over the typical wooden box. They are much more durable and do not shrink, swell, nor become waterlogged.

More accurate mixing of the plaster, mortar or cement is possible, since water is retained, instead of being absorbed by the wood or leaking through cracks.

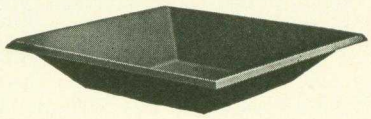
Many plasters are dependent for good results on efficient cleaning of past mixes from the box. Contractors report that plaster does not "go dead" quickly when mixed in these boxes. The Donley Mortar Box has a smooth interior, free from rivet heads or projections, which promotes efficient cleaning.

In cold weather, the boxes can be set upon brick or tile supports and a fire built beneath to heat the water. For more accurate temperature control, place smaller box within larger — elevating it a few inches and putting water in the outer box, while the inner is used for mixing. This will keep the mixture well below the boiling point.

Donley Mortar Boxes are made of one piece 14-gauge steel (except No. 3, 16 gauge), welded at the joints and reinforced at the top with hot rolled steel angle. In spite of their staunch construction, they are light enough to be easily handled. Inverted they make an efficient temporary roof to protect sacks of plaster or cement. They nest conveniently in storage and can be shipped in quantity with minimum freight cost. Protected by a heavy application of aluminum paint. If interior becomes worn, repainting with aluminum is simple and efficient maintenance.

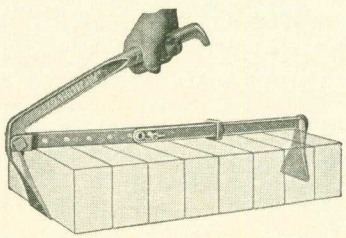
Sizes of Mortar Boxes

Order by No.	Length	Width	Depth	Cap. Cu. Ft.	Weight
0	11′ 6″	40″	12″	35	250 lbs.
1	7′ 6″	40″	12″	21.66	160 "
2	5′ 10″	34″	10″	11.8	110 "
3	5′ 10″	24″	9″	7.5	95 "



DONLEY STEEL MORTAR TUBS

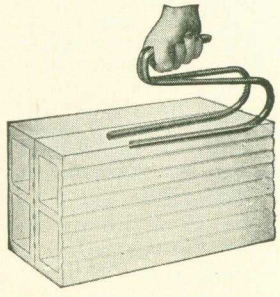
Sized 30 by 30 by 6 inches, these Donley Steel Mortar Tubs are popular for use on small jobs, such as tile setting and plastering repairs. They retain the water in the mixture, do not warp or swell and have all the advantages of the larger boxes with sufficient capacity for a large range of work. Big enough to obviate frequent re-mixing. The shipping weight is 22 pounds.



THE DONLEY BRICK CLAMP

Handles six or more brick at a time, without injuring brick or bruising workman's hands. Made of malleable iron, it is adjustable to size and number of brick. With sure lever grip, it picks up and discharges load instantly. Efficient in action, it stands rough usage. Saves cost quickly in reduced breakage of brick. Approximate shipping weight, 72 pounds per dozen.

THE DONLEY TILE HOOK



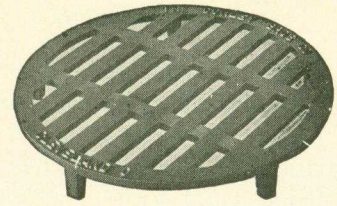
These hooks will pick up one or two building tile, according to size. Makes possible carrying tile in both hands and saves hands from bruising. Speeds up operations.

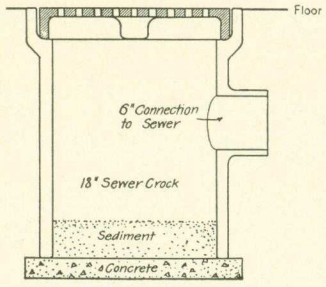
Made in two sizes, two and three prong. Shipping weight, two prong, 30 pounds per dozen; three prong, 44 pounds per dozen.

DONLEY SEWER PIPE STRAINERS

BAR TYPE

Drawing shows how these Strainers fit into hub of upturned sewer crock for catch basin or other drainage purposes. They are single piece castings of ample strength, made to fit sewer pipe as standardized by the Eastern Clay Products Association. Legs lift the strainer flush with rim of hub. Order by pipe size.

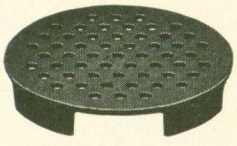




Diameter of Pipe	Diameter of Strainer	Shipping Weight Per Dozen
3″	4 9/16″	15 lbs.
6″	8 ″	58 “
8″	10¼″	96 “
10″	12¼″	145 “
12″	14 5/8″	177 “
*12″	14 5/8″	360 “
15″	17 11/16″	318 “
*15″	18 ″	636 “
18″	21 ″	508 “
20″	23 5/16″	684 “
24″	28¼″	1120 “

*Extra strong.

DONLEY SEWER PIPE STRAINERS



PERFORATED TYPE

This Perforated Strainer performs the same function as the bar type, shown above, but has smaller openings and is preferable in excluding small articles of floating rubbish, where that is a factor. Another feature is the wide, flanged legs which produce an even distribution of weight on the hub. Drawing above indicates method of use of both types of strainers. Legs raise face of strainer even with rim of hub. Made for sizes of pipe as standardized by the Eastern Clay Products Association. Order by pipe size.

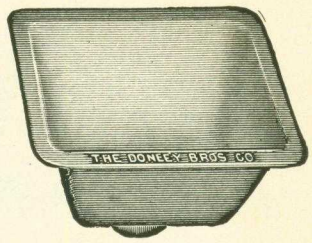
Dimensions of Donley Perforated Strainers

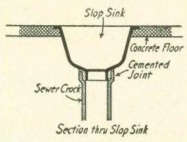
Diameter of Pipe	Diameter of Strainer	Shipping Weight Per Dozen
4″	5 9/16″	15 lbs.
*4″	5 7/16″	15 “
5″	7 1/16″	32 “
6″	7 7/8″	40 “
*6″	7 15/16″	29 “
8″	10¼″	80 “
10″	12¼″	140 “
12″	14 5/8″	205 “
15″	17 13/16″	290 “
18″	21 ″	636 “

*Dome type, similar in shape to REMOVABLE strainer, illustrated in next column.

DONLEY SLOP SINKS

These sanitary, cast iron containers serve either as utility sinks above floor level, or, sunk in floor or pavement they accomplish rapid drainage of water under taps and elsewhere. Sanitary round corners prevent accumulation of dirt. Has 4-inch perforated outlet. Finished in black paint.



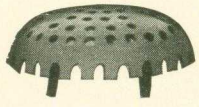


Showing method of installation when used as a floor drain in basement or garage. Note how outlet fits hub of 4″ sewer pipe.

Dimensions of Donley Slop Sinks

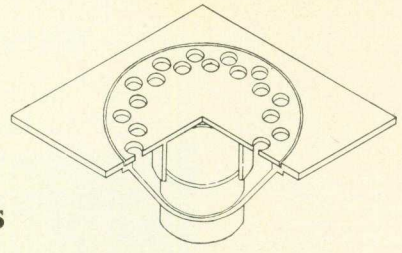
Sizes	Shipping Weights Each	Sizes	Shipping Weights Each
12x12x5″	12 lbs.	16x16x 8″	24 lbs.
14x14x6″	14 “	16x16x10″	28 “
16x16x6″	17½ “		

REMOVABLE STRAINER USED WITH DONLEY SLOP SINKS



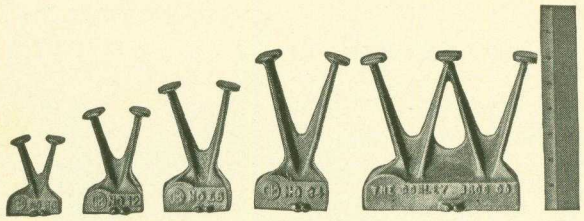
When ordered specially, this removable strainer is supplied instead of the regular strainer which is cast as a part of the sink. It is easier to clean this type of strainer and by removing, to clean the pipe below. Supplied only on special order, its shipping weight is 1.4 pounds each.

DONLEY BELL TYPE FLOOR TRAPS



This type of floor trap gives efficient protection against sewer gas when installed in the floors of basements, garages, shops, etc. It is offered in three sizes to meet varied requirements. Strainer is fitted in such a manner as to be easily lifted for cleaning the trap. Finished in black only.

Size Over All	Outlet	Depth Over All	Shipping Weight Per Dozen
6x 6″	1 5/8″	3″	40 lbs.
9x 9″	2 5/8″	4″	100 “
12x12″	3 1/8″	5½″	190 “



DONLEY CONCRETE INSERTS AFFORD MAXIMUM GRIP

Anchored in concrete ceilings or walls, Donley Concrete inserts offer a dependable support for shafting, trolley tracks, platforms, pipes or other suspended fixtures. Manufactured from malleable iron, they offer a wide margin of superiority over other inserts with which they have been compared in laboratory tests or actual service.

The exposed face of the insert offers a slot communicating with an inner recess. One end of the slot is widened to admit bolt head. Designed so that roots traverse the axis of the shearing strain it offers maximum grip on concrete. Where requirements are light, we advise using Donley Insert of small bolt size rather than large competitive insert, since large bolt is invitation to overloading. This letter presents an engineering point of view:

W. J. WATSON and R. L. HARDING, Engineers · C. A. NAU, Architect

WILBUR WATSON AND ASSOCIATES
ARCHITECTS AND ENGINEERS
4614 PROSPECT AVENUE
CLEVELAND

July 19, 1929

Donley Brothers Company
13900 Miles Avenue
Cleveland, Ohio

Attention Mr. George Donley

Dear Mr. Donley:-

I thought perhaps you would be interested in a little incident that happened some time ago in the plant of one of our clients, a large automotive manufacturer.

Running thru the plant was a light monorail traveller of some thousand feet in length. It passed thru buildings of various types of construction and was suspended from various types of inserts in concrete or hangers direct from structural steel members.

The workman, desiring to lift a five ton load, suspended a block from this monorail. This load being eight or nine times the carrying capacity of the track could have but one result. The track, in its failure, was whipped down for a distance of nearly 300 ft. and there was every conceivable kind of failure in the inserts or the hangers. But I am pleased to say that the section of the building which we erected, where the monorail was suspended from 3/4" Donley Standard Inserts, that in every case the insert remained intact but that the failure was either in the bolt, the bolt head or the threads. When the monorail was re-erected the Donley inserts were reused and are still in service.

Yours very truly,

CAN:FMC

Dimensions of Donley Inserts

Number	634	34	58	12	38
Size bolt, inches	3/4	3/4	5/8	1/2	3/8
Safe load, pounds	4900	4900	3300	2300	1200
Height overall, inches	6	6	5	4	3
Length, inches	6	2 7/8	2 5/8	2 5/16	2
Shipping weight per 100 Inserts	400	185	135	85	45

The Experience of Others Your Surest Basis of Confidence

FIFTY years adherence to the policy of offering dependable products, correctly described and rightly priced, has brought the Donley Brothers Company many appreciative letters from owners, architects, builders and material dealers. We quote phrases from a very few. Actual names of writers are available to those interested.

A housewife in Peru, Neb., writes, "I want to tell you what a supreme pleasure our new fireplace is to us. We followed your plans of construction and found them satisfactory. The damper is fine."

From the architectural department of the Northwestern Lumberman's Association: "Kindly send us another copy of your book, *Successful Fireplaces*. Unfortunately someone borrowed our file copy. In fact the book is in so much demand in our office that it is very difficult to keep it on hand for our own reference."

A contractor in Fremont, Ohio, testifies: "I am specializing in the building of fireplaces and none but Donley fixtures meet my demand for quality and proper design."

A material dealer in Youngstown, Ohio, has this to say: "In view of the fact that we have handled your materials for a number of years and have never had occasion to ask for an adjustment or a claim of any kind warrants us to write you that we greatly appreciate the cooperation which you give your dealers — first, the high grade materials which you use in your complete line of articles; second, the national advertising which is of great help; third, the service which we are able to give through your catalogs and literature."

A home owner in New London, Conn., says: "The fireplace I built two years ago, from your book, is perfect and hasn't smoked yet, even under the most adverse conditions."

An architectural firm in Baltimore, Md., states: "We have just completed the installation of two fireplaces in a new restaurant, using your product as well as your advice, in their construction. After a test running several days, we are glad to report that they appear to be just about perfect in operation."

Here is a word from a contractor in Guelph, Ontario: "I build a lot of fireplaces in both stone and brick. I have used your damper and can safely say there is none better. It is perfect."

A New Jersey material concern wrote a letter to a trade magazine from which we quote: "Some time ago, to complete our list of products, we needed a line of specialties such as fireplace fixtures. We came upon the name of the Donley Brothers Company. Within a short time we represented them and found we had one of the most complete lines we could have hoped to have. Never have we seen more honor in business, more complete cooperation or a greater desire to assist."

A professor in the Massachusetts Institute of Technology made this request, gladly granted: "I would like to use your *Donley Book of Fireplaces* as a textbook for the instruction of our students."

The wife of a university official, in Kansas tells us: "We built a fireplace, last summer, and found your plans helpful — have had much satisfaction in our fireplace."

A Columbus, Georgia, architect writes: "I have just received your *Book of Successful Fireplaces*, which gave me the information for correcting two fireplaces today — so naturally we appreciate it very much."

A Massachusetts contractor has this to say: "I have been building fireplaces for the past 12 years and for the last two years I have used the Donley Dampers and find them far ahead of any on the market."

A New Jersey lumber concern, after handling Donley products for three years, assures us: "We will continue to be 100 per cent Donley Dealers as long as our relations remain as friendly as in the past."

The editor of a science magazine writes: "The information contained in your book on fireplaces is more complete than anything on the subject we have come across."

Writing of his personal experience, a material dealer in Piqua, Ohio, testifies: "The fireplace has a cheer and warmth that is of inestimable value for tired nerves. It produces a comfort that makes staying at home a pleasure."

Consult Your DONLEY *Dealer*
FOR PRICES AND OTHER INFORMATION

DONLEY DEVICES reach you through responsible, selected Building Material Dealers throughout the country. When your new home project is taking shape, an important step is to get in touch with the Donley Dealer and discover for yourself how helpful he can be. Not only will he be glad to show you Donley products and to supply them when you are ready, but he has a large fund of experience and a real desire to assist you. Rely on him for friendly counsel, for the needed Donley Devices and for other materials entering into your building. You will not be disappointed. If you are in doubt as to the identity of the Donley Dealer in your locality, write to The Donley Brothers Company, 13900 Miles Avenue, Cleveland, Ohio. For those who live in localities where we may not have a dealer representative, prices will be quoted by us promptly on request.

All DONLEY *Products are*
SOLD UNDER A DEFINITE GUARANTEE

LIKE every reputable concern, the Donley Brothers Company is eager to make good its occasional mistakes and deficiencies. To attempt to set forth a guarantee in explicit terms would only be to limit the assurance we mean to convey. The satisfaction, throughout a period of forty years, that users have found in Donley merchandise and Donley service is your best guarantee that products described in this catalog will be found as represented — honestly and intelligently made, to serve and satisfy as long as your building endures.

GUARANTEE

The satisfaction of many thousands of users of Donley Devices, throughout its forty years of service to the builders of homes, is your best and sufficient guarantee that these products, and the responsible service behind them, will be equal to every representation.

THE DONLEY CATALOG OF *Helps for the Homebuilder*

DONLEY DEVICES
Complete the Home

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